GenCore version 5.1.6

M protein - protein search, using sw model

un on: March 18, 2004, 07:44:27 ; Search time 38 Seconds
(without alignments)
347.545 Million cell updates/sec

itle: US-09-673-274B-39
erfect score: 99
equence: 1 XXXXXXXXXXCXXXXXXXXX.....XXXXCXXXXXXXCXCXXXXX 51

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Gapop 10.0 , Gapext 0.5

earched: 1049977 seqs, 258955339 residues

otal number of hits satisfying chosen parameters: 3375

inimum DB seq length: 51
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ost-processing: Minimum Match 0%
Maximum Match 100%
Listing first 50 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	20.5	20.7	51	9	US-09-030-619-224	Sequence 224, App
2	20.5	20.7	51	15	US-10-277-233-224	Sequence 224, App
3	20	20.2	51	12	US-10-424-599-245032	Sequence 245032,
4	19.5	19.7	51	15	US-10-409-818-4	Sequence 4, Appli
5	19	19.2	51	11	US-09-970-944-46	Sequence 46, Appl
6	19	19.2	51	11	US-09-981-151A-77	Sequence 77, Appl
7	19	19.2	51	12	US-10-087-684-88	Sequence 88, Appl
8	19	19.2	51	12	US-10-218-779-88	Sequence 88, Appl
9	19	19.2	51	12	US-09-972-211-129	Sequence 129, App
10	19	19.2	51	15	US-10-190-115-92	Sequence 92, Appl
11	19	19.2	51	15	US-10-190-115-93	Sequence 93, Appl
12	19	19.2	51	15	US-10-190-115-94	Sequence 94, Appl
13	19	19.2	51	15	US-10-190-115-95	Sequence 95, Appl
14	19	19.2	51	15	US-10-369-072-92	Sequence 92, Appl
15	19	19.2	51	15	US-10-369-072-93	Sequence 93, Appl
16	19	19.2	51	15	US-10-369-072-94	Sequence 94, Appl
17	19	19.2	51	15	US-10-369-072-95	Sequence 95, Appl
18	18	18.2	51	9	US-09-727-801-2	Sequence 2, Appli
19	18	18.2	51	9	US-09-864-761-35058	Sequence 35058, A
20	18	18.2	51	9	US-09-864-761-37621	Sequence 37621, A
21	18	18.2	51	9	US-09-864-761-40652	Sequence 40652, A
22	18	18.2	51	9	US-09-864-761-43103	Sequence 43103, A
23	18	18.2	51	9	US-09-867-550-136	Sequence 136, App
24	18	18.2	51	9	US-09-925-300-1767	Sequence 1767, Ap
25	18	18.2	51	9	US-09-832-659-8	Sequence 8, Appli
26	18	18.2	51	9	US-09-796-692-1282	Sequence 1282, Ap
27	18	18.2	51	9	US-09-796-692-1683	Sequence 1683, Ap
28	18	18.2	51	9	US-09-796-692-1755	Sequence 1755, Ap
29	18	18.2	51	9	US-09-796-692-1999	Sequence 1999, Ap
30	18	18.2	51	9	US-09-796-692-2037	Sequence 2037, Ap
31	18	18.2	51	10	US-09-774-639-214	Sequence 214, App
32	18	18.2	51	10	US-09-969-730-222	Sequence 222, App
33	18	18.2	51	10	US-09-977-406A-45	Sequence 45, Appl
34	18	18.2	51	11	US-09-864-408A-2918	Sequence 2918, Ap
35	18	18.2	51	11	US-09-864-408A-3512	Sequence 3512, Ap
36	18	18.2	51	11	US-09-864-408A-4660	Sequence 4660, Ap
37	18	18.2	51	11	US-09-864-408A-6928	Sequence 6928, Ap
38	18	18.2	51	11	US-09-984-429-72	Sequence 72, Appl
39	18	18.2	51	12	US-10-424-599-148527	Sequence 148527,
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42	18	18.2	51	12	US-10-424-599-164319	Sequence 164319,
43	18	18.2	51	12	US-10-424-599-180514	Sequence 180514,
44	18	18.2	51	12	US-10-424-599-185732	Sequence 185732,
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46	18	18.2	51	12	US-10-424-599-203384	Sequence 203384,
47	18	18.2	51	12	US-10-424-599-207926	Sequence 207926,
48	18	18.2	51	12	US-10-424-599-225662	Sequence 225662,
49	18	18.2	51	12	US-10-424-599-228217	Sequence 228217,
50	18	18.2	51	12	US-10-424-599-243417	Sequence 243417,

ALIGNMENTS

RESULT 1
US-09-030-619-224
; Sequence 224, Application US/09030619B
; Patent No. US20020035061A1
; GENERAL INFORMATION:
; APPLICANT: Krieger, Timothy J.
; APPLICANT: Taylor, Robert
; APPLICANT: Erfle, Douglas
; APPLICANT: Fraser, Janet R.
; APPLICANT: West, Michael H.P.
; APPLICANT: McNicol, Patricia J.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
; TITLE OF INVENTION: INFECTIONS USING CATIONIC PEPTIDES ALONE OR IN COMBINATION
; TITLE OF INVENTION: WITH ANTIBIOTICS
; FILE REFERENCE: 660081.406
; CURRENT APPLICATION NUMBER: US/09/030,619B
; CURRENT FILING DATE: 1998-02-25
; NUMBER OF SEQ ID NOS: 232
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 224
; LENGTH: 51
; TYPE: PRT
; ORGANISM: Apis mellifera
US-09-030-619-224

Query Match 20.7%; Score 20.5; DB 9; Length 51;
Best Local Similarity 20.0%; Pred. No. 8e+03;
Matches 5; Conservative 0; Mismatches 17; Indels 3; Gaps 1;

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Db         17 CAANCLSLGKAGGHC---EKGVCIC 38
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ESULT 2
S-10-277-233-224
 Sequence 224, Application US/10277233
 Publication No. US20030232750A1
 GENERAL INFORMATION:
  APPLICANT: Krieger, Timothy J.
  APPLICANT:  Taylor, Robert
  APPLICANT:  Erfle, Douglas
  APPLICANT:  Fraser, Janet R.
  APPLICANT:  West, Michael H.P.
  APPLICANT:  McNicol, Patricia J.
  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
  TITLE OF INVENTION:  INFECTIONS USING CATIONIC PEPTIDES ALONE OR IN COMBINATION
  TITLE OF INVENTION:  WITH ANTIBIOTICS
  FILE REFERENCE: 660081.406C1
  CURRENT APPLICATION NUMBER: US/10/277,233
  CURRENT FILING DATE:  2002-10-18
  NUMBER OF SEQ ID NOS: 232
  SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 224
   LENGTH: 51
   TYPE: PRT
   ORGANISM: Apis mellifera
S-10-277-233-224

 Query Match             20.7%;  Score 20.5;  DB 15;  Length 51;
 Best Local Similarity   20.0%;  Pred. No. 8e+03;
 Matches    5;  Conservative    0;  Mismatches   17;  Indels    3;  Gaps    1;

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b         17 CAANCLSLGKAGGHC---EKGVCIC 38


ESULT 3
S-10-424-599-245032
 Sequence 245032, Application US/10424599
 Publication No. US20040031072A1
 GENERAL INFORMATION:
  APPLICANT: La'Rosa Thomas J
  APPLICANT:  Kovalic David K
  APPLICANT:  Zhou Yihua
  APPLICANT:  Cao Yongwei
  TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
  TITLE OF INVENTION:  Plants and Uses Thereof for Plant Improvement
  FILE REFERENCE: 38-21(53223)B
  CURRENT APPLICATION NUMBER: US/10/424,599
  CURRENT FILING DATE:  2003-04-28
  NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO 245032
   LENGTH: 51
   TYPE: PRT
   ORGANISM: Glycine max
   FEATURE:
   NAME/KEY: unsure
   LOCATION: (1)..(51)
   OTHER INFORMATION: unsure at all Xaa locations
   FEATURE:
   OTHER INFORMATION: Clone ID: PAT_MRT3847_63294C.1.pep
S-10-424-599-245032

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 Best Local Similarity   27.3%;  Pred. No. 9.7e+03;
 Matches    3;  Conservative    0;  Mismatches    8;  Indels    0;  Gaps    0;

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b         38 CTHSHPRQCRC 48


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; Sequence 4, Application US/10409818
; Publication No. US20040005682A1
; GENERAL INFORMATION:
;  APPLICANT: Chen, Ching-San
;  APPLICANT:  Chen, Kuan-Chung
;  APPLICANT:  Kuan, Cheng-Chun
;  TITLE OF INVENTION: BIOCIDAL PROTEIN
;  FILE REFERENCE: 08919-056002
;  CURRENT APPLICATION NUMBER: US/10/409,818
;  CURRENT FILING DATE:  2003-04-08
;  PRIOR APPLICATION NUMBER: US 09/686,332
;  PRIOR FILING DATE: 2000-10-11
;  NUMBER OF SEQ ID NOS: 6
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
;   LENGTH: 51
;   TYPE: PRT
;   ORGANISM: Vigna radiata
US-10-409-818-4

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Db         24 CAHSCKNRGYIGGDC-KGMTRTCYC 47


RESULT 5
US-09-970-944-46
; Sequence 46, Application US/09970944
; Publication No. US20030204052A1
; GENERAL INFORMATION:
;  APPLICANT: Herrman, John L
;  APPLICANT:  Rastelli, Luca
;  APPLICANT:  Shimkets, Richard A
;  TITLE OF INVENTION: No. US20030204052A1el Proteins and Nucleic Acids Encoding Same an
;  TITLE OF INVENTION:  Antibodies Directed Against these Proteins
;  FILE REFERENCE: 21402-138
;  CURRENT APPLICATION NUMBER: US/09/970,944
;  CURRENT FILING DATE:  2002-05-02
;  PRIOR APPLICATION NUMBER: 60/237,862
;  PRIOR FILING DATE: 2000-10-04
;  NUMBER OF SEQ ID NOS: 62
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
;   LENGTH: 51
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: TSP1 domain
;   OTHER INFORMATION: Consensus Sequence
US-09-970-944-46

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Db         10 CSVTCGGGVQTRTRC 24


RESULT 6
US-09-981-151A-77
; Sequence 77, Application US/09981151A
; Publication No. US20030212256A1
; GENERAL INFORMATION:
;  APPLICANT: Edinger, Shlomit R
;  APPLICANT:  Gerlach, Valerie
;  APPLICANT:  MacDougall, John R
;  APPLICANT:  Malyankar, Muriel M
```

APPLICANT: Smithson, Glennda
APPLICANT: Millet, Isabelle
APPLICANT: Peyman, John A
APPLICANT: Stone, David J
APPLICANT: Gunther, Erik
APPLICANT: Ellerman, Karen
APPLICANT: Shimkets, Richard A
APPLICANT: Padigaru, Muralidhara
APPLICANT: Guo, Xiaojia
APPLICANT: Patturajan, Meera
APPLICANT: Taupier Jr, Raymond J
APPLICANT: Burgess, Catherine E
APPLICANT: Zerhusen, Bryan D
APPLICANT: Kekuda, Ramesh
APPLICANT: Spytek, Kimberly A
APPLICANT: Gangolli, Esha A
APPLICANT: Fernandes, Elma R
APPLICANT: Gorman, Linda
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-168
CURRENT APPLICATION NUMBER: US/09/981,151A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 60/241,040
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/241,058
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/241,063
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/241,243
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/242,152
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/242,482
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/242,611
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/242,612
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/242,880
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: 60/242,881
PRIOR FILING DATE: 2000-10-24
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NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 77
LENGTH: 51
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Thrombospondin
OTHER INFORMATION: type 1 Consensus Sequence
-09-981-151A-77

Query Match 19.2%; Score 19; DB 11; Length 51;
Best Local Similarity 20.0%; Pred. No. 1.5e+04;
Matches 3; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 22 CXXXCXXXXXXXXXC 36
Db 10 CSVTCGGGVQTRTRC 24

SULT 7
-10-087-684-88
Sequence 88, Application US/10087684
Publication No. US20040029116A1
GENERAL INFORMATION:
APPLICANT: Edinger, Shlomit R.
APPLICANT: MacDougall, John R.
APPLICANT: Millet, Isabelle
APPLICANT: Ellerman, Karen
APPLICANT: Stone, David J.

; APPLICANT: Grosse, William M.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Cathereine E.
; APPLICANT: Casman, Stacie, J.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Li, Li
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Mishra, Vishnu
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Rastelli, Luca
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Guo, Xiaojia
; APPLICANT: Miller, Charles E.
; APPLICANT: Gangolli, Esha A.
; TITLE OF INVENTION: PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-214 CIP
; CURRENT APPLICATION NUMBER: US/10/087,684
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 60/253,834
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/250,926
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 60/264,180
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/274,194
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/313,656
; PRIOR FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: 60/327,456
; PRIOR FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: CuraSeqList version 0.1
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; LENGTH: 51
; TYPE: PRT
; ORGANISM: Artificial Sequence
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; OTHER INFORMATION: Description of Artifical Sequence: Domain
US-10-087-684-88

Query Match 19.2%; Score 19; DB 12; Length 51;
Best Local Similarity 20.0%; Pred. No. 1.5e+04;
Matches 3; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 22 CXXXCXXXXXXXXXC 36
Db 10 CSVTCGGGVQTRTRC 24

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; Publication No. US20040029222A1
; GENERAL INFORMATION:
; APPLICANT: Edinger, Shlomit
; APPLICANT: MacDougall, John
; APPLICANT: Millet, Isabelle
; APPLICANT: Ellerman, Karen
; APPLICANT: Stone, David
; APPLICANT: Gerlach, Valerie
; APPLICANT: Grosse, William
; APPLICANT: Alsobrook II, John
; APPLICANT: Lepley, Denise
; APPLICANT: Rieger, Daniel
; APPLICANT: Burgess, Catherine
; APPLICANT: Casman, Stacie
; APPLICANT: Spytek, Kimberly
; APPLICANT: Boldog, Ferenc

```
  APPLICANT:  Li, Li
  APPLICANT:  Padigaru, Muralidhara
  APPLICANT:  Mishra, Vishnu
  APPLICANT:  Patturajan, Meera
  APPLICANT:  Shenoy, Suresh
  APPLICANT:  Rastelli, Luca
  APPLICANT:  Tchernev, Velizar
  APPLICANT:  Vernet, Corine
  APPLICANT:  Zerhusen, Bryan
  APPLICANT:  Malyankar, Uriel
  APPLICANT:  Guo, Xiaojia
  APPLICANT:  Miller, Charles
  APPLICANT:  Gangolli, Esha
  TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
  FILE REFERENCE: 21402-214
  CURRENT APPLICATION NUMBER: US/10/218,779
  CURRENT FILING DATE:  2002-08-14
  PRIOR APPLICATION NUMBER: 60/253,834
  PRIOR FILING DATE: 2000-11-29
  PRIOR APPLICATION NUMBER: 60/250,-926
  PRIOR FILING DATE: 2000-11-30
  PRIOR APPLICATION NUMBER: 60/264,180
  PRIOR FILING DATE: 2001-01-25
  PRIOR APPLICATION NUMBER: 60/313,656
  PRIOR FILING DATE: 2001-08-20
  PRIOR APPLICATION NUMBER: 60/327,456
  PRIOR FILING DATE: 2001-10-05
  NUMBER OF SEQ ID NOS: 216
  SOFTWARE: PatentIn Ver. 2.1
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    LENGTH: 51
    TYPE: PRT
    ORGANISM: Homo sapiens
S-10-218-779-88

  Query Match             19.2%;  Score 19;  DB 12;  Length 51;
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  Matches    3;  Conservative    0;  Mismatches   12;  Indels    0;  Gaps    0;

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b          10 CSVTCGGGVQTRTRC 24


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S-09-972-211-129
 Sequence 129, Application US/09972211
 Publication No. US20040048245A1
 GENERAL INFORMATION:
  APPLICANT: Shimkets, Richard A
  APPLICANT:  Taupier Jr, Raymond J
  APPLICANT:  Burgess, Catherine E
  APPLICANT:  Zerhusen, Bryan D
  APPLICANT:  Mezes, Peter S
  APPLICANT:  Rastelli, Luca
  APPLICANT:  Malyankar, Uriel M
  APPLICANT:  Grosse, William M
  APPLICANT:  Alsobrook II, John P
  APPLICANT:  Lepley, Denise M
  APPLICANT:  Spytek, Kimberly Ann
  APPLICANT:  Li, Li
  APPLICANT:  Edinger, Shlomit
  APPLICANT:  Gerlach, Valerie
  APPLICANT:  Ellerman, Karen
  APPLICANT:  MacDougall, John R
  APPLICANT:  Gunther, Erik
  APPLICANT:  Millet, Isabelle
  APPLICANT:  Stone, David J
  APPLICANT:  Smithson, Glennda
  APPLICANT:  Szekeres Jr, Edward S
  TITLE OF INVENTION: No. US20040048245A1el Human Proteins, Polynucleotides Encoding Th
  TITLE OF INVENTION:  Methods Of Using The Same
  FILE REFERENCE: 21402-141
  CURRENT APPLICATION NUMBER: US/09/972,211
  CURRENT FILING DATE:  2001-10-05
  PRIOR APPLICATION NUMBER: 60/238,325
  PRIOR FILING DATE: 2000-10-05
  PRIOR APPLICATION NUMBER: 60/238,323
  PRIOR FILING DATE: 2000-10-05
  PRIOR APPLICATION NUMBER: 60/238,400
  PRIOR FILING DATE: 2000-10-06
  PRIOR APPLICATION NUMBER: 60/238,397
  PRIOR FILING DATE: 2000-10-06
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  PRIOR FILING DATE: 2001-03-14
  PRIOR APPLICATION NUMBER: 60/296,860
  PRIOR FILING DATE: 2001-06-08
  NUMBER OF SEQ ID NOS: 198
  SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 129
   LENGTH: 51
   TYPE: PRT
   ORGANISM: Homo sapiens
US-09-972-211-129

  Query Match             19.2%;  Score 19;  DB 12;  Length 51;
  Best Local Similarity   20.0%;  Pred. No. 1.5e+04;
  Matches    3;  Conservative    0;  Mismatches   12;  Indels    0;  Gaps    0;

Qy         22 CXXXCXXXXXXXXC 36
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Db         10 CSVTCGGGVQTRTRC 24


RESULT 10
US-10-190-115-92
 Sequence 92, Application US/10190115
 Publication No. US20030207394A1
 GENERAL INFORMATION:
  APPLICANT: Alsobrook, John P. II
  APPLICANT:  Boldog, Ferenc L.
  APPLICANT:  Burgess, Catherine E.
  APPLICANT:  Casman, Stacie J.
  APPLICANT:  Grosse, William M.
  APPLICANT:  Gusev, Vladimir Y.
  APPLICANT:  Ji, Weizhen
  APPLICANT:  Lepley, Denise M.
  APPLICANT:  Liu, Xiaohong
  APPLICANT:  Mezick, Amanda J.
  APPLICANT:  Padigaru, Muralidhara
  APPLICANT:  Patturajan, Meera
  APPLICANT:  Rastelli, Luca
  APPLICANT:  Shen, Lei
  APPLICANT:  Shenoy, Suresh G.
  APPLICANT:  Shimkets, Richard A.
  APPLICANT:  Spaderna, Steven K.
  APPLICANT:  Spytek, Kimberly A.
  APPLICANT:  Szekeres, Edward S. Jr.
  APPLICANT:  Taupier, Raymond J. Jr.
  APPLICANT:  Tchernev, Velizar T.
```

APPLICANT: Zerhusen, Bryan D.
APPLICANT: Voss, Edward Z.
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-050 CIP
CURRENT APPLICATION NUMBER: US/10/190,115
CURRENT FILING DATE: 2003-02-10
PRIOR APPLICATION NUMBER: 60/303,168
PRIOR FILING DATE: 2001-07-05
PRIOR APPLICATION NUMBER: 60/368,996
PRIOR FILING DATE: 2002-04-01
PRIOR APPLICATION NUMBER: 60/386,816
PRIOR FILING DATE: 2002-06-07
PRIOR APPLICATION NUMBER: 60/215,854
PRIOR FILING DATE: 2000-07-03
PRIOR APPLICATION NUMBER: 60/215,856
PRIOR FILING DATE: 2000-07-03
PRIOR APPLICATION NUMBER: 60/215,902
PRIOR FILING DATE: 2000-07-03
PRIOR APPLICATION NUMBER: 60/216,585,
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 60/216,586
PRIOR FILING DATE: 2001-07-07
PRIOR APPLICATION NUMBER: 60/216,722
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 60/218,622
PRIOR FILING DATE: 2000-07-17
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 136
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 92
LENGTH: 51
TYPE: PRT
ORGANISM: Homo sapiens
-10-190-115-92

Query Match 19.2%; Score 19; DB 15; Length 51;
Best Local Similarity 20.0%; Pred. No. 1.5e+04;
Matches 3; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 22 CXXXCXXXXXXXXXC 36
Db 10 CSVTCGGGVQTRTRC 24

SULT 11
-10-190-115-93
Sequence 93, Application US/10190115
Publication No. US20030207394A1
GENERAL INFORMATION:
APPLICANT: Alsobrook, John P. II
APPLICANT: Boldog, Ferenc L.
APPLICANT: Burgess, Catherine E.
APPLICANT: Casman, Stacie J.
APPLICANT: Grosse, William M.
APPLICANT: Gusev, Vladimir Y.
APPLICANT: Ji, Weizhen
APPLICANT: Lepley, Denise M.
APPLICANT: Liu, Xiaohong
APPLICANT: Mezick, Amanda J.
APPLICANT: Padigaru, Muralidhara
APPLICANT: Patturajan, Meera
APPLICANT: Rastelli, Luca
APPLICANT: Shen, Lei
APPLICANT: Shenoy, Suresh G.
APPLICANT: Shimkets, Richard A.
APPLICANT: Spaderna, Steven K.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Szekeres, Edward S. Jr.
APPLICANT: Taupier, Raymond J. Jr.
APPLICANT: Tchernev, Velizar T.
APPLICANT: Zerhusen, Bryan D.
APPLICANT: Voss, Edward Z.
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-050 CIP
; CURRENT APPLICATION NUMBER: US/10/190,115
; CURRENT FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: 60/303,168
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/368,996
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 60/386,816
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/215,854
; PRIOR FILING DATE: 2000-07-03
; PRIOR APPLICATION NUMBER: 60/215,856
; PRIOR FILING DATE: 2000-07-03
; PRIOR APPLICATION NUMBER: 60/215,902
; PRIOR FILING DATE: 2000-07-03
; PRIOR APPLICATION NUMBER: 60/216,585,
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/216,586
; PRIOR FILING DATE: 2001-07-07
; PRIOR APPLICATION NUMBER: 60/216,722
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/218,622
; PRIOR FILING DATE: 2000-07-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 136
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 93
; LENGTH: 51
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-190-115-93

Query Match 19.2%; Score 19; DB 15; Length 51;
Best Local Similarity 20.0%; Pred. No. 1.5e+04;
Matches 3; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 22 CXXXCXXXXXXXXXC 36
Db 10 CSVTCGGGVQTRTRC 24

RESULT 12
US-10-190-115-94
; Sequence 94, Application US/10190115
; Publication No. US20030207394A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook, John P. II
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Grosse, William M.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Ji, Weizhen
; APPLICANT: Lepley, Denise M.
; APPLICANT: Liu, Xiaohong
; APPLICANT: Mezick, Amanda J.
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Rastelli, Luca
; APPLICANT: Shen, Lei
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Szekeres, Edward S. Jr.
; APPLICANT: Taupier, Raymond J. Jr.
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Voss, Edward Z.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-050 CIP
; CURRENT APPLICATION NUMBER: US/10/190,115
; CURRENT FILING DATE: 2003-02-10

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  PRIOR APPLICATION NUMBER: 60/303,168
  PRIOR FILING DATE: 2001-07-05
  PRIOR APPLICATION NUMBER: 60/368,996
  PRIOR FILING DATE: 2002-04-01
  PRIOR APPLICATION NUMBER: 60/386,816
  PRIOR FILING DATE: 2002-06-07
  PRIOR APPLICATION NUMBER: 60/215,854
  PRIOR FILING DATE: 2000-07-03
  PRIOR APPLICATION NUMBER: 60/215,856
  PRIOR FILING DATE: 2000-07-03
  PRIOR APPLICATION NUMBER: 60/215,902
  PRIOR FILING DATE: 2000-07-03
  PRIOR APPLICATION NUMBER: 60/216,585,
  PRIOR FILING DATE: 2000-07-07
  PRIOR APPLICATION NUMBER: 60/216,586
  PRIOR FILING DATE: 2001-07-07
  PRIOR APPLICATION NUMBER: 60/216,722
  PRIOR FILING DATE: 2000-07-07
  PRIOR APPLICATION NUMBER: 60/218,622
  PRIOR FILING DATE: 2000-07-17
  Remaining Prior Application data removed - See File Wrapper or PALM.
  NUMBER OF SEQ ID NOS: 136
  SOFTWARE: CuraSeqList version 0.1
 SEQ ID NO 94
   LENGTH: 51
   TYPE: PRT
   ORGANISM: Homo sapiens
!S-10-190-115-94

 Query Match             19.2%;  Score 19;  DB 15;  Length 51;
 Best Local Similarity   20.0%;  Pred. No. 1.5e+04;
 Matches    3;  Conservative    0;  Mismatches   12;  Indels    0;  Gaps    0;

)y         22 CXXXCXXXXXXXXC 36
              |   |           |
)b         10 CSVTCGGGVQTRTRC 24


.ESULT 13
'S-10-190-115-95
 Sequence 95, Application US/10190115
 Publication No. US20030207394A1
 GENERAL INFORMATION:
  APPLICANT: Alsobrook, John P. II
  APPLICANT:  Boldog, Ferenc L.
  APPLICANT:  Burgess, Catherine E.
  APPLICANT:  Casman, Stacie J.
  APPLICANT:  Grosse, William M.
  APPLICANT:  Gusev, Vladimir Y.
  APPLICANT:  Ji, Weizhen
  APPLICANT:  Lepley, Denise M.
  APPLICANT:  Liu, Xiaohong
  APPLICANT:  Mezick, Amanda J.
  APPLICANT:  Padigaru, Muralidhara
  APPLICANT:  Patturajan, Meera
  APPLICANT:  Rastelli, Luca
  APPLICANT:  Shen, Lei
  APPLICANT:  Shenoy, Suresh G.
  APPLICANT:  Shimkets, Richard A.
  APPLICANT:  Spaderna, Steven K.
  APPLICANT:  Spytek, Kimberly A.
  APPLICANT:  Szekeres, Edward S. Jr.
  APPLICANT:  Taupier, Raymond J. Jr.
  APPLICANT:  Tchernev, Velizar T.
  APPLICANT:  Zerhusen, Bryan D.
  APPLICANT:  Voss, Edward Z.
  TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
  FILE REFERENCE: 21402-050 CIP
  CURRENT APPLICATION NUMBER: US/10/190,115
  CURRENT FILING DATE:  2003-02-10
  PRIOR APPLICATION NUMBER: 60/303,168
  PRIOR FILING DATE: 2001-07-05
  PRIOR APPLICATION NUMBER: 60/368,996
  PRIOR FILING DATE: 2002-04-01
  PRIOR APPLICATION NUMBER: 60/386,816
  PRIOR FILING DATE: 2002-06-07
  PRIOR APPLICATION NUMBER: 60/215,854
  PRIOR FILING DATE: 2000-07-03
  PRIOR APPLICATION NUMBER: 60/215,856
  PRIOR FILING DATE: 2000-07-03
  PRIOR APPLICATION NUMBER: 60/215,902
  PRIOR FILING DATE: 2000-07-03
  PRIOR APPLICATION NUMBER: 60/216,585,
  PRIOR FILING DATE: 2000-07-07
  PRIOR APPLICATION NUMBER: 60/216,586
  PRIOR FILING DATE: 2001-07-07
  PRIOR APPLICATION NUMBER: 60/216,722
  PRIOR FILING DATE: 2000-07-07
  PRIOR APPLICATION NUMBER: 60/218,622
  PRIOR FILING DATE: 2000-07-17
  Remaining Prior Application data removed - See File Wrapper or PALM.
  NUMBER OF SEQ ID NOS: 136
  SOFTWARE: CuraSeqList version 0.1
 SEQ ID NO 95
   LENGTH: 51
   TYPE: PRT
   ORGANISM: Homo sapiens
US-10-190-115-95

  Query Match             19.2%;  Score 19;  DB 15;  Length 51;
  Best Local Similarity   20.0%;  Pred. No. 1.5e+04;
  Matches    3;  Conservative    0;  Mismatches   12;  Indels    0;  Gaps    0;

Qy         22 CXXXCXXXXXXXXC 36
              |   |           |
Db         10 CSVTCGGGVQTRTRC 24


RESULT 14
US-10-369-072-92
 Sequence 92, Application US/10369072
 Publication No. US20040014081A1
 GENERAL INFORMATION:
  APPLICANT: Alsobrook II, John P
  APPLICANT:  Spaderna, Stephen K
  APPLICANT:  Tchernev, Velizar
  APPLICANT:  Liu, Xiaohong
  APPLICANT:  Shenoy, Suresh
  APPLICANT:  Spytek, Kimberly
  APPLICANT:  Zerhusen, Bryan
  APPLICANT:  Patturajan, Meera
  APPLICANT:  Taupier, Raymond T
  APPLICANT:  Rastelli, Luca
  APPLICANT:  Grosse, William M
  APPLICANT:  Szerkeres, Edward S
  APPLICANT:  Lepley, Denise M
  APPLICANT:  Shen, Lei
  APPLICANT:  Burgess, Catherine E
  APPLICANT:  Shimkets, Richard
  APPLICANT:  Padigaru, Muralidhara
  TITLE OF INVENTION: No. US20040014081A1el Proteins and Nucleic Acids Encoding Same
  FILE REFERENCE: 21402-050 CON2
  CURRENT APPLICATION NUMBER: US/10/369,072
  CURRENT FILING DATE:  2003-02-18
  PRIOR APPLICATION NUMBER: 10/174,372
  PRIOR FILING DATE: 2002-06-17
  PRIOR APPLICATION NUMBER: 09/898,994
  PRIOR FILING DATE: 2001-07-03
  PRIOR APPLICATION NUMBER: 60/215,854
  PRIOR FILING DATE: 2000-07-03
  PRIOR APPLICATION NUMBER: 60/215,856
  PRIOR FILING DATE: 2000-07-03
  PRIOR APPLICATION NUMBER: 60/215,902
  PRIOR FILING DATE: 2000-07-03
  PRIOR APPLICATION NUMBER: 60/216,585
  PRIOR FILING DATE: 2000-07-07
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 PRIOR APPLICATION NUMBER: 60/216,586
 PRIOR FILING DATE: 2000-07-07
 PRIOR APPLICATION NUMBER: 60/216,722
 PRIOR FILING DATE: 2000-07-07
 PRIOR APPLICATION NUMBER: 60/218,622
 PRIOR FILING DATE: 2000-07-17
 PRIOR APPLICATION NUMBER: 60/218,992
 PRIOR FILING DATE: 2000-07-17
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 100
 SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 92
  LENGTH: 51
  TYPE: PRT
  ORGANISM: Artificial Sequence
  FEATURE:
  OTHER INFORMATION: Description of Artificial Sequence: Domain search
  OTHER INFORMATION: result
-10-369-072-92

Query Match             19.2%;  Score 19;  DB 15;  Length 51;
Best Local Similarity   20.0%;  Pred. No. 1.5e+04;
Matches    3;  Conservative    0;  Mismatches   12;  Indels    0;  Gaps    0;

        22 CXXXCXXXXXXXXC 36
           |  |           |
        10 CSVTCGGGVQTRTRC 24


SULT 15
-10-369-072-93
Sequence 93, Application US/10369072
Publication No. US20040014081A1
GENERAL INFORMATION:
 APPLICANT: Alsobrook II, John P
 APPLICANT:  Spaderna, Stephen K
 APPLICANT:  Tchernev, Velizar
 APPLICANT:  Liu, Xiaohong
 APPLICANT:  Shenoy, Suresh
 APPLICANT:  Spytek, Kimberly
 APPLICANT:  Zerhusen, Bryan
 APPLICANT:  Patturajan, Meera
 APPLICANT:  Taupier, Raymond T
 APPLICANT:  Rastelli, Luca
 APPLICANT:  Grosse, William M
 APPLICANT:  Szerkeres, Edward S
 APPLICANT:  Lepley, Denise M
 APPLICANT:  Shen, Lei
 APPLICANT:  Burgess, Catherine E
 APPLICANT:  Shimkets, Richard
 APPLICANT:  Padigaru, Muralidhara
 TITLE OF INVENTION: No. US20040014081A1el Proteins and Nucleic Acids Encoding Same
 FILE REFERENCE: 21402-050 CON2
 CURRENT APPLICATION NUMBER: US/10/369,072
 CURRENT FILING DATE:  2003-02-18
 PRIOR APPLICATION NUMBER: 10/174,372
 PRIOR FILING DATE: 2002-06-17
 PRIOR APPLICATION NUMBER: 09/898,994
 PRIOR FILING DATE: 2001-07-03
 PRIOR APPLICATION NUMBER: 60/215,854
 PRIOR FILING DATE: 2000-07-03
 PRIOR APPLICATION NUMBER: 60/215,856
 PRIOR FILING DATE: 2000-07-03
 PRIOR APPLICATION NUMBER: 60/215,902
 PRIOR FILING DATE: 2000-07-03
 PRIOR APPLICATION NUMBER: 60/216,585
 PRIOR FILING DATE: 2000-07-07
 PRIOR APPLICATION NUMBER: 60/216,586
 PRIOR FILING DATE: 2000-07-07
 PRIOR APPLICATION NUMBER: 60/216,722
 PRIOR FILING DATE: 2000-07-07
 PRIOR APPLICATION NUMBER: 60/218,622
 PRIOR FILING DATE: 2000-07-17
;  PRIOR APPLICATION NUMBER: 60/218,992
;  PRIOR FILING DATE: 2000-07-17
;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 100
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 93
;   LENGTH: 51
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: Domain search
;   OTHER INFORMATION: result
US-10-369-072-93

  Query Match             19.2%;  Score 19;  DB 15;  Length 51;
  Best Local Similarity   20.0%;  Pred. No. 1.5e+04;
  Matches    3;  Conservative    0;  Mismatches   12;  Indels    0;  Gaps    0;

Qy         22 CXXXCXXXXXXXXC 36
              |  |           |
Db         10 CSVTCGGGVQTRTRC 24


RESULT 16
US-10-369-072-94
; Sequence 94, Application US/10369072
; Publication No. US20040014081A1
; GENERAL INFORMATION:
;  APPLICANT: Alsobrook II, John P
;  APPLICANT:  Spaderna, Stephen K
;  APPLICANT:  Tchernev, Velizar
;  APPLICANT:  Liu, Xiaohong
;  APPLICANT:  Shenoy, Suresh
;  APPLICANT:  Spytek, Kimberly
;  APPLICANT:  Zerhusen, Bryan
;  APPLICANT:  Patturajan, Meera
;  APPLICANT:  Taupier, Raymond T
;  APPLICANT:  Rastelli, Luca
;  APPLICANT:  Grosse, William M
;  APPLICANT:  Szerkeres, Edward S
;  APPLICANT:  Lepley, Denise M
;  APPLICANT:  Shen, Lei
;  APPLICANT:  Burgess, Catherine E
;  APPLICANT:  Shimkets, Richard
;  APPLICANT:  Padigaru, Muralidhara
;  TITLE OF INVENTION: No. US20040014081A1el Proteins and Nucleic Acids Encoding Same
;  FILE REFERENCE: 21402-050 CON2
;  CURRENT APPLICATION NUMBER: US/10/369,072
;  CURRENT FILING DATE:  2003-02-18
;  PRIOR APPLICATION NUMBER: 10/174,372
;  PRIOR FILING DATE: 2002-06-17
;  PRIOR APPLICATION NUMBER: 09/898,994
;  PRIOR FILING DATE: 2001-07-03
;  PRIOR APPLICATION NUMBER: 60/215,854
;  PRIOR FILING DATE: 2000-07-03
;  PRIOR APPLICATION NUMBER: 60/215,856
;  PRIOR FILING DATE: 2000-07-03
;  PRIOR APPLICATION NUMBER: 60/215,902
;  PRIOR FILING DATE: 2000-07-03
;  PRIOR APPLICATION NUMBER: 60/216,585
;  PRIOR FILING DATE: 2000-07-07
;  PRIOR APPLICATION NUMBER: 60/216,586
;  PRIOR FILING DATE: 2000-07-07
;  PRIOR APPLICATION NUMBER: 60/216,722
;  PRIOR FILING DATE: 2000-07-07
;  PRIOR APPLICATION NUMBER: 60/218,622
;  PRIOR FILING DATE: 2000-07-17
;  PRIOR APPLICATION NUMBER: 60/218,992
;  PRIOR FILING DATE: 2000-07-17
;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 100
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 94
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LENGTH: 51
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Domain search
OTHER INFORMATION: result
'S-10-369-072-94

Query Match 19.2%; Score 19; DB 15; Length 51;
Best Local Similarity 20.0%; Pred. No. 1.5e+04;
Matches 3; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 22 CXXXCXXXXXXXXC 36
Db 10 CSVTCGGGVQTRTRC 24

ESULT 17
'S-10-369-072-95
Sequence 95, Application US/10369072
Publication No. US20040014081A1
GENERAL INFORMATION:
APPLICANT: Alsobrook II, John P
APPLICANT: Spaderna, Stephen K
APPLICANT: Tchernev, Velizar
APPLICANT: Liu, Xiaohong
APPLICANT: Shenoy, Suresh
APPLICANT: Spytek, Kimberly
APPLICANT: Zerhusen, Bryan
APPLICANT: Patturajan, Meera
APPLICANT: Taupier, Raymond T
APPLICANT: Rastelli, Luca
APPLICANT: Grosse, William M
APPLICANT: Szerkeres, Edward S
APPLICANT: Lepley, Denise M
APPLICANT: Shen, Lei
APPLICANT: Burgess, Catherine E
APPLICANT: Shimkets, Richard
APPLICANT: Padigaru, Muralidhara
TITLE OF INVENTION: No. US20040014081A1el Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-050 CON2
CURRENT APPLICATION NUMBER: US/10/369,072
CURRENT FILING DATE: 2003-02-18
PRIOR APPLICATION NUMBER: 10/174,372
PRIOR FILING DATE: 2002-06-17
PRIOR APPLICATION NUMBER: 09/898,994
PRIOR FILING DATE: 2001-07-03
PRIOR APPLICATION NUMBER: 60/215,854
PRIOR FILING DATE: 2000-07-03
PRIOR APPLICATION NUMBER: 60/215,856
PRIOR FILING DATE: 2000-07-03
PRIOR APPLICATION NUMBER: 60/215,902
PRIOR FILING DATE: 2000-07-03
PRIOR APPLICATION NUMBER: 60/216,585
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 60/216,586
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 60/216,722
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 60/218,622
PRIOR FILING DATE: 2000-07-17
PRIOR APPLICATION NUMBER: 60/218,992
PRIOR FILING DATE: 2000-07-17
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 100
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 95
LENGTH: 51
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Domain search
OTHER INFORMATION: result
US-10-369-072-95

Query Match 19.2%; Score 19; DB 15; Length 51;
Best Local Similarity 20.0%; Pred. No. 1.5e+04;
Matches 3; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 22 CXXXCXXXXXXXXC 36
Db 10 CSVTCGGGVQTRTRC 24

RESULT 18
US-09-727-801-2
; Sequence 2, Application US/09727801
; Patent No. US20010034059A1
; GENERAL INFORMATION:
; APPLICANT: Allen, Steve
; APPLICANT: Helentjaris, Tim
; TITLE OF INVENTION: Homologs of SCF Ubiquitin-Ligase Complex Component GRR1
; FILE REFERENCE: BB1418 US NA
; CURRENT APPLICATION NUMBER: US/09/727,801
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: 60/170377
; PRIOR FILING DATE: 1999-12-13
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 2
; LENGTH: 51
; TYPE: PRT
; ORGANISM: Zea mays
US-09-727-801-2

Query Match 18.2%; Score 18; DB 9; Length 51;
Best Local Similarity 40.0%; Pred. No. 2.2e+04;
Matches 2; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 22 CXXXC 26
Db 31 CASAC 35

RESULT 19
US-09-864-761-35058
; Sequence 35058, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aeomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30

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  PRIOR APPLICATION NUMBER: PCT/US01/00665
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: PCT/US01/00668
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: PCT/US01/00663
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: PCT/US01/00662
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: PCT/US01/00661
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: PCT/US01/00670
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: US 60/234,687
  PRIOR FILING DATE: 2000-09-21
  PRIOR APPLICATION NUMBER: US 09/608,408
  PRIOR FILING DATE: 2000-06-30
  PRIOR APPLICATION NUMBER: US 09/774,203
  PRIOR FILING DATE: 2001-01-29
  NUMBER OF SEQ ID NOS: 49117
  SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
 SEQ ID NO 35058
    LENGTH: 51
    TYPE: PRT
    ORGANISM: Homo sapiens
    FEATURE:
    OTHER INFORMATION: MAP TO AL080245.13
    OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.3
    OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.4
    OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.7
    OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.4
    OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
    OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.1
    OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.3
    OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
    OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.9
    OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL =   1
    OTHER INFORMATION: EST_HUMAN HIT: AA993492.1, EVALUE 2.00e-15
-09-864-761-35058

 Query Match             18.2%;  Score 18;  DB 9;  Length 51;
 Best Local Similarity   66.7%;  Pred. No. 2.2e+04;
 Matches    2;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

          44 CXC 46
             | |
          34 CSC 36


SULT 20
-09-864-761-37621
 Sequence 37621, Application US/09864761
 Patent No. US20020048763A1
 GENERAL INFORMATION:
  APPLICANT: Penn, Sharron G.
  APPLICANT:  Rank, David R.
  APPLICANT:  Hanzel, David K.
  APPLICANT:  Chen, Wensheng
  TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
  TITLE OF INVENTION:  GENE EXPRESSION ANALYSIS BY MICROARRAY
  FILE REFERENCE: Aeomica-X-1
  CURRENT APPLICATION NUMBER: US/09/864,761
  CURRENT FILING DATE:  2001-05-23
  PRIOR APPLICATION NUMBER: US 60/180,312
  PRIOR FILING DATE: 2000-02-04
  PRIOR APPLICATION NUMBER: US 60/207,456
  PRIOR FILING DATE: 2000-05-26
  PRIOR APPLICATION NUMBER: US 09/632,366
  PRIOR FILING DATE: 2000-08-03
  PRIOR APPLICATION NUMBER: GB 24263.6
  PRIOR FILING DATE: 2000-10-04
  PRIOR APPLICATION NUMBER: US 60/236,359
  PRIOR FILING DATE: 2000-09-27
  PRIOR APPLICATION NUMBER: PCT/US01/00666
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00667
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00664
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00669
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00665
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00668
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00663
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00662
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00661
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00670
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: US 60/234,687
;  PRIOR FILING DATE: 2000-09-21
;  PRIOR APPLICATION NUMBER: US 09/608,408
;  PRIOR FILING DATE: 2000-06-30
;  PRIOR APPLICATION NUMBER: US 09/774,203
;  PRIOR FILING DATE: 2001-01-29
;  NUMBER OF SEQ ID NOS: 49117
;  SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 37621
;   LENGTH: 51
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   OTHER INFORMATION: MAP TO AP000008.1
;   OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1
;   OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1
;   OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.1
;   OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.1
;   OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL =  12
;   OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.1
;   OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL =   1
;   OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.2
;   OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.2
;   OTHER INFORMATION: EST_HUMAN HIT: AW136725.1, EVALUE 3.00e-11
;   OTHER INFORMATION: SWISSPROT HIT: P47926, EVALUE 2.60e+00
US-09-864-761-37621

  Query Match             18.2%;  Score 18;  DB 9;  Length 51;
  Best Local Similarity   66.7%;  Pred. No. 2.2e+04;
  Matches    2;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          44 CXC 46
               | |
Db           8 CTC 10


RESULT 21
US-09-864-761-40652
; Sequence 40652, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
;  APPLICANT: Penn, Sharron G.
;  APPLICANT:  Rank, David R.
;  APPLICANT:  Hanzel, David K.
;  APPLICANT:  Chen, Wensheng
;  TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
;  TITLE OF INVENTION:  GENE EXPRESSION ANALYSIS BY MICROARRAY
;  FILE REFERENCE: Aeomica-X-1
;  CURRENT APPLICATION NUMBER: US/09/864,761
;  CURRENT FILING DATE:  2001-05-23
;  PRIOR APPLICATION NUMBER: US 60/180,312
;  PRIOR FILING DATE: 2000-02-04
;  PRIOR APPLICATION NUMBER: US 60/207,456
;  PRIOR FILING DATE: 2000-05-26
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  PRIOR APPLICATION NUMBER: US 09/632,366
  PRIOR FILING DATE: 2000-08-03
  PRIOR APPLICATION NUMBER: GB 24263.6
  PRIOR FILING DATE: 2000-10-04
  PRIOR APPLICATION NUMBER: US 60/236,359
  PRIOR FILING DATE: 2000-09-27
  PRIOR APPLICATION NUMBER: PCT/US01/00666
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: PCT/US01/00667
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: PCT/US01/00664
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: PCT/US01/00669
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: PCT/US01/00665
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: PCT/US01/00668
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: PCT/US01/00663
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: PCT/US01/00662
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: PCT/US01/00661
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: PCT/US01/00670
  PRIOR FILING DATE: 2001-01-30
  PRIOR APPLICATION NUMBER: US 60/234,687
  PRIOR FILING DATE: 2000-09-21
  PRIOR APPLICATION NUMBER: US 09/608,408
  PRIOR FILING DATE: 2000-06-30
  PRIOR APPLICATION NUMBER: US 09/774,203
  PRIOR FILING DATE: 2001-01-29
  NUMBER OF SEQ ID NOS: 49117
  SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
 SEQ ID NO 40652
   LENGTH: 51
   TYPE: PRT
   ORGANISM: Homo sapiens
   FEATURE:
   OTHER INFORMATION: MAP TO AL121901.10
   OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 9.1
   OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 4.8
   OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL =   5
   OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 5.5
   OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 4.4
   OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 4.5
   OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 4.7
   OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 4.9
   OTHER INFORMATION: EST_HUMAN HIT: BF672220.1, EVALUE 1.00e-23
   OTHER INFORMATION: SWISSPROT HIT: P94177, EVALUE 2.40e-01
'S-09-864-761-40652

  Query Match            18.2%;  Score 18;  DB 9;  Length 51;
  Best Local Similarity   66.7%;  Pred. No. 2.2e+04;
  Matches    2;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

)y          44 CXC 46
               | |
)b           4 CTC 6


ESULT 22
'S-09-864-761-43103
  Sequence 43103, Application US/09864761
  Patent No. US20020048763A1
  GENERAL INFORMATION:
   APPLICANT: Penn, Sharron G.
   APPLICANT:  Rank, David R.
   APPLICANT:  Hanzel, David K.
   APPLICANT:  Chen, Wensheng
   TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
   TITLE OF INVENTION:  GENE EXPRESSION ANALYSIS BY MICROARRAY
   FILE REFERENCE: Aeomica-X-1
   ;  CURRENT APPLICATION NUMBER: US/09/864,761
   ;  CURRENT FILING DATE:  2001-05-23
   ;  PRIOR APPLICATION NUMBER: US 60/180,312
   ;  PRIOR FILING DATE: 2000-02-04
   ;  PRIOR APPLICATION NUMBER: US 60/207,456
   ;  PRIOR FILING DATE: 2000-05-26
   ;  PRIOR APPLICATION NUMBER: US 09/632,366
   ;  PRIOR FILING DATE: 2000-08-03
   ;  PRIOR APPLICATION NUMBER: GB 24263.6
   ;  PRIOR FILING DATE: 2000-10-04
   ;  PRIOR APPLICATION NUMBER: US 60/236,359
   ;  PRIOR FILING DATE: 2000-09-27
   ;  PRIOR APPLICATION NUMBER: PCT/US01/00666
   ;  PRIOR FILING DATE: 2001-01-30
   ;  PRIOR APPLICATION NUMBER: PCT/US01/00667
   ;  PRIOR FILING DATE: 2001-01-30
   ;  PRIOR APPLICATION NUMBER: PCT/US01/00664
   ;  PRIOR FILING DATE: 2001-01-30
   ;  PRIOR APPLICATION NUMBER: PCT/US01/00669
   ;  PRIOR FILING DATE: 2001-01-30
   ;  PRIOR APPLICATION NUMBER: PCT/US01/00665
   ;  PRIOR FILING DATE: 2001-01-30
   ;  PRIOR APPLICATION NUMBER: PCT/US01/00668
   ;  PRIOR FILING DATE: 2001-01-30
   ;  PRIOR APPLICATION NUMBER: PCT/US01/00663
   ;  PRIOR FILING DATE: 2001-01-30
   ;  PRIOR APPLICATION NUMBER: PCT/US01/00662
   ;  PRIOR FILING DATE: 2001-01-30
   ;  PRIOR APPLICATION NUMBER: PCT/US01/00661
   ;  PRIOR FILING DATE: 2001-01-30
   ;  PRIOR APPLICATION NUMBER: PCT/US01/00670
   ;  PRIOR FILING DATE: 2001-01-30
   ;  PRIOR APPLICATION NUMBER: US 60/234,687
   ;  PRIOR FILING DATE: 2000-09-21
   ;  PRIOR APPLICATION NUMBER: US 09/608,408
   ;  PRIOR FILING DATE: 2000-06-30
   ;  PRIOR APPLICATION NUMBER: US 09/774,203
   ;  PRIOR FILING DATE: 2001-01-29
   ;  NUMBER OF SEQ ID NOS: 49117
   ;  SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
   ; SEQ ID NO 43103
   ;   LENGTH: 51
   ;   TYPE: PRT
   ;   ORGANISM: Homo sapiens
   ;   FEATURE:
   ;   OTHER INFORMATION: MAP TO AC002553.1
   ;   OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.2
   ;   OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.6
   ;   OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.7
   ;   OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.96
   ;   OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.99
   ;   OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL =   2
   ;   OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.1
   ;   OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.2
   ;   OTHER INFORMATION: EST_HUMAN HIT: BE514943.1, EVALUE 3.00e-10
   ;   OTHER INFORMATION: SWISSPROT HIT: P36213, EVALUE 6.00e+00
   US-09-864-761-43103

     Query Match            18.2%;  Score 18;  DB 9;  Length 51;
     Best Local Similarity   66.7%;  Pred. No. 2.2e+04;
     Matches    2;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

   Qy          44 CXC 46
                  | |
   Db          33 CSC 35


   RESULT 23
   US-09-867-550-136
   ; Sequence 136, Application US/09867550
   ; Patent No. US20020082206A1
   ; GENERAL INFORMATION:
   ;  APPLICANT: Leach, Martin D.
```

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 APPLICANT:  Mehraban, Fuad,
 APPLICANT:  Conley, Pamela
 APPLICANT:  Law, Debbie
 APPLICANT:  Topper, James
 TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
 TITLE OF INVENTION:  Thereby
 FILE REFERENCE: 21402-013 (Cura-313)
 CURRENT APPLICATION NUMBER: US/09/867,550
 CURRENT FILING DATE:  2001-09-20
 PRIOR APPLICATION NUMBER: USSN 60/208,427
 PRIOR FILING DATE: 2000-05-30
 NUMBER OF SEQ ID NOS: 2125
 SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 136
  LENGTH: 51
  TYPE: PRT
  ORGANISM: Homo sapiens
:-09-867-550-136

Query Match            18.2%;  Score 18;  DB 9;  Length 51;
Best Local Similarity  66.7%;  Pred. No. 2.2e+04;
Matches    2;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

'         44 CXC 46
            | |
)          3 CTC 5


:SULT 24
:-09-925-300-1767
Sequence 1767, Application US/09925300
Patent No. US20020151681A1
GENERAL INFORMATION:
 APPLICANT: Craig Rosen,
 APPLICANT:  Steve Ruben
 TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 FILE REFERENCE: PA101
 CURRENT APPLICATION NUMBER: US/09/925,300
 CURRENT FILING DATE:  2001-08-10
 PRIOR APPLICATION NUMBER: PCT/US00/05988
 PRIOR FILING DATE: 2000-03-08
 PRIOR APPLICATION NUMBER: 60/124,270
 PRIOR FILING DATE: 1999-03-12
 NUMBER OF SEQ ID NOS: 1890
 SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1767
  LENGTH: 51
  TYPE: PRT
  ORGANISM: Homo sapiens
  FEATURE:
  NAME/KEY: SITE
  LOCATION: (6)
  OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
:-09-925-300-1767

Query Match            18.2%;  Score 18;  DB 9;  Length 51;
Best Local Similarity  66.7%;  Pred. No. 2.2e+04;
Matches    2;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

'         44 CXC 46
            | |
)         47 CSC 49


:SULT 25
:-09-832-659-8
Sequence 8, Application US/09832659
Patent No. US20020155547A1
GENERAL INFORMATION:
 APPLICANT: BIOGEN, INC.
 TITLE OF INVENTION: Interferon-Beta Fusion Proteins and Uses
 FILE REFERENCE: A064PCTSEQ
 CURRENT APPLICATION NUMBER: US/09/832,659
;  CURRENT FILING DATE:  2001-04-11
;  PRIOR APPLICATION NUMBER: 60/120,237
;  PRIOR FILING DATE: 1999-02-16
;  PRIOR APPLICATION NUMBER: 60/104,491
;  PRIOR FILING DATE: 1998-10-16
;  NUMBER OF SEQ ID NOS: 44
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
;   LENGTH: 51
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-832-659-8

  Query Match            18.2%;  Score 18;  DB 9;  Length 51;
  Best Local Similarity  66.7%;  Pred. No. 2.2e+04;
  Matches    2;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy         44 CXC 46
              | |
Db         27 CTC 29


RESULT 26
US-09-796-692-1282
; Sequence 1282, Application US/09796692
; Publication No. US20020198362A1
; GENERAL INFORMATION:
;  APPLICANT: Gaiger, Alexander
;  APPLICANT:  Algate, Paul A.
;  APPLICANT:  Mannion, Jane
;  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY
;  TITLE OF INVENTION:  HEMATOLOGICAL MALIGNANCIES
;  FILE REFERENCE: 2077.001200
;  CURRENT APPLICATION NUMBER: US/09/796,692
;  CURRENT FILING DATE:  2001-03-01
;  PRIOR APPLICATION NUMBER: 60/186,126
;  PRIOR FILING DATE: 2000-03-01
;  PRIOR APPLICATION NUMBER: 60/190,479
;  PRIOR FILING DATE: 2000-03-17
;  PRIOR APPLICATION NUMBER: 60/200,545
;  PRIOR FILING DATE: 2000-04-27
;  PRIOR APPLICATION NUMBER: 60/200,303
;  PRIOR FILING DATE: 2000-04-28
;  PRIOR APPLICATION NUMBER: 60/200,779
;  PRIOR FILING DATE: 2000-04-28
;  PRIOR APPLICATION NUMBER: 60/200,999
;  PRIOR FILING DATE: 2000-05-01
;  PRIOR APPLICATION NUMBER: 60/202,084
;  PRIOR FILING DATE: 2000-05-04
;  PRIOR APPLICATION NUMBER: 60/206,201
;  PRIOR FILING DATE: 2000-05-22
;  PRIOR APPLICATION NUMBER: 60/218,950
;  PRIOR FILING DATE: 2000-07-14
;  PRIOR APPLICATION NUMBER: 60/222,903
;  PRIOR FILING DATE: 2000-08-03
;  PRIOR APPLICATION NUMBER: 60/223,416
;  PRIOR FILING DATE: 2000-08-04
;  PRIOR APPLICATION NUMBER: 60/223,378
;  PRIOR FILING DATE: 2000-08-07
;  NUMBER OF SEQ ID NOS: 9597
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1282
;   LENGTH: 51
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-796-692-1282

  Query Match            18.2%;  Score 18;  DB 9;  Length 51;
  Best Local Similarity  66.7%;  Pred. No. 2.2e+04;
  Matches    2;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy         44 CXC 46
              | |
```

```
Db         34 CAC 36


ESULT 27
S-09-796-692-1683
 Sequence 1683, Application US/09796692
 Publication No. US20020198362A1
 GENERAL INFORMATION:
  APPLICANT: Gaiger, Alexander
  APPLICANT:  Algate, Paul A.
  APPLICANT:  Mannion, Jane
  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY
  TITLE OF INVENTION:  HEMATOLOGICAL MALIGNANCIES
  FILE REFERENCE: 2077.001200
  CURRENT APPLICATION NUMBER: US/09/796,692
  CURRENT FILING DATE:  2001-03-01
  PRIOR APPLICATION NUMBER: 60/186,126
  PRIOR FILING DATE: 2000-03-01
  PRIOR APPLICATION NUMBER: 60/190,479
  PRIOR FILING DATE: 2000-03-17
  PRIOR APPLICATION NUMBER: 60/200,545
  PRIOR FILING DATE: 2000-04-27
  PRIOR APPLICATION NUMBER: 60/200,303
  PRIOR FILING DATE: 2000-04-28
  PRIOR APPLICATION NUMBER: 60/200,779
  PRIOR FILING DATE: 2000-04-28
  PRIOR APPLICATION NUMBER: 60/200,999
  PRIOR FILING DATE: 2000-05-01
  PRIOR APPLICATION NUMBER: 60/202,084
  PRIOR FILING DATE: 2000-05-04
  PRIOR APPLICATION NUMBER: 60/206,201
  PRIOR FILING DATE: 2000-05-22
  PRIOR APPLICATION NUMBER: 60/218,950
  PRIOR FILING DATE: 2000-07-14
  PRIOR APPLICATION NUMBER: 60/222,903
  PRIOR FILING DATE: 2000-08-03
  PRIOR APPLICATION NUMBER: 60/223,416
  PRIOR FILING DATE: 2000-08-04
  PRIOR APPLICATION NUMBER: 60/223,378
  PRIOR FILING DATE: 2000-08-07
  NUMBER OF SEQ ID NOS: 9597
  SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 1683
   LENGTH: 51
   TYPE: PRT
   ORGANISM: Homo sapiens
S-09-796-692-1683

 Query Match             18.2%;  Score 18;  DB 9;  Length 51;
 Best Local Similarity   66.7%;  Pred. No. 2.2e+04;
 Matches    2;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

y          44 CXC 46
             | ||
b          34 CAC 36


ESULT 28
S-09-796-692-1755
 Sequence 1755, Application US/09796692
 Publication No. US20020198362A1
 GENERAL INFORMATION:
  APPLICANT: Gaiger, Alexander
  APPLICANT:  Algate, Paul A.
  APPLICANT:  Mannion, Jane
  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY
  TITLE OF INVENTION:  HEMATOLOGICAL MALIGNANCIES
  FILE REFERENCE: 2077.001200
  CURRENT APPLICATION NUMBER: US/09/796,692
  CURRENT FILING DATE:  2001-03-01
  PRIOR APPLICATION NUMBER: 60/186,126
  PRIOR FILING DATE: 2000-03-01
  PRIOR APPLICATION NUMBER: 60/190,479
  PRIOR FILING DATE: 2000-03-17
  PRIOR APPLICATION NUMBER: 60/200,545
  PRIOR FILING DATE: 2000-04-27
  PRIOR APPLICATION NUMBER: 60/200,303
  PRIOR FILING DATE: 2000-04-28
  PRIOR APPLICATION NUMBER: 60/200,779
  PRIOR FILING DATE: 2000-04-28
  PRIOR APPLICATION NUMBER: 60/200,999
  PRIOR FILING DATE: 2000-05-01
  PRIOR APPLICATION NUMBER: 60/202,084
  PRIOR FILING DATE: 2000-05-04
  PRIOR APPLICATION NUMBER: 60/206,201
  PRIOR FILING DATE: 2000-05-22
  PRIOR APPLICATION NUMBER: 60/218,950
  PRIOR FILING DATE: 2000-07-14
  PRIOR APPLICATION NUMBER: 60/222,903
  PRIOR FILING DATE: 2000-08-03
  PRIOR APPLICATION NUMBER: 60/223,416
  PRIOR FILING DATE: 2000-08-04
  PRIOR APPLICATION NUMBER: 60/223,378
  PRIOR FILING DATE: 2000-08-07
  NUMBER OF SEQ ID NOS: 9597
  SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 1755
   LENGTH: 51
   TYPE: PRT
   ORGANISM: Homo sapiens
US-09-796-692-1755

  Query Match             18.2%;  Score 18;  DB 9;  Length 51;
  Best Local Similarity   66.7%;  Pred. No. 2.2e+04;
  Matches    2;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy         44 CXC 46
             | ||
Db         34 CAC 36


RESULT 29
US-09-796-692-1999
; Sequence 1999, Application US/09796692
; Publication No. US20020198362A1
; GENERAL INFORMATION:
;  APPLICANT: Gaiger, Alexander
;  APPLICANT:  Algate, Paul A.
;  APPLICANT:  Mannion, Jane
;  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY
;  TITLE OF INVENTION:  HEMATOLOGICAL MALIGNANCIES
;  FILE REFERENCE: 2077.001200
;  CURRENT APPLICATION NUMBER: US/09/796,692
;  CURRENT FILING DATE:  2001-03-01
;  PRIOR APPLICATION NUMBER: 60/186,126
;  PRIOR FILING DATE: 2000-03-01
;  PRIOR APPLICATION NUMBER: 60/190,479
;  PRIOR FILING DATE: 2000-03-17
;  PRIOR APPLICATION NUMBER: 60/200,545
;  PRIOR FILING DATE: 2000-04-27
;  PRIOR APPLICATION NUMBER: 60/200,303
;  PRIOR FILING DATE: 2000-04-28
;  PRIOR APPLICATION NUMBER: 60/200,779
;  PRIOR FILING DATE: 2000-04-28
;  PRIOR APPLICATION NUMBER: 60/200,999
;  PRIOR FILING DATE: 2000-05-01
;  PRIOR APPLICATION NUMBER: 60/202,084
;  PRIOR FILING DATE: 2000-05-04
;  PRIOR APPLICATION NUMBER: 60/206,201
;  PRIOR FILING DATE: 2000-05-22
;  PRIOR APPLICATION NUMBER: 60/218,950
;  PRIOR FILING DATE: 2000-07-14
;  PRIOR APPLICATION NUMBER: 60/222,903
;  PRIOR FILING DATE: 2000-08-03
;  PRIOR APPLICATION NUMBER: 60/223,416
;  PRIOR FILING DATE: 2000-08-04
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PRIOR APPLICATION NUMBER: 60/223,378
PRIOR FILING DATE: 2000-08-07
NUMBER OF SEQ ID NOS: 9597
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1999
LENGTH: 51
TYPE: PRT
ORGANISM: Homo sapiens
3-09-796-692-1999

Query Match 18.2%; Score 18; DB 9; Length 51;
Best Local Similarity 66.7%; Pred. No. 2.2e+04;
Matches 2; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

/ 44 CXC 46
| |
) 34 CAC 36

ESULT 30
3-09-796-692-2037
Sequence 2037, Application US/09796692
Publication No. US20020198362A1
GENERAL INFORMATION:
APPLICANT: Gaiger, Alexander
APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY
TITLE OF INVENTION: HEMATOLOGICAL MALIGNANCIES
FILE REFERENCE: 2077.001200
CURRENT APPLICATION NUMBER: US/09/796,692
CURRENT FILING DATE: 2001-03-01
PRIOR APPLICATION NUMBER: 60/186,126
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: 60/190,479
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: 60/200,545
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: 60/200,303
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: 60/200,779
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: 60/200,999
PRIOR FILING DATE: 2000-05-01
PRIOR APPLICATION NUMBER: 60/202,084
PRIOR FILING DATE: 2000-05-04
PRIOR APPLICATION NUMBER: 60/206,201
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: 60/218,950
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: 60/222,903
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: 60/223,416
PRIOR FILING DATE: 2000-08-04
PRIOR APPLICATION NUMBER: 60/223,378
PRIOR FILING DATE: 2000-08-07
NUMBER OF SEQ ID NOS: 9597
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2037
LENGTH: 51
TYPE: PRT
ORGANISM: Homo sapiens
S-09-796-692-2037

Query Match 18.2%; Score 18; DB 9; Length 51;
Best Local Similarity 66.7%; Pred. No. 2.2e+04;
Matches 2; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

y 44 CXC 46
| |
b 34 CAC 36

RESULT 31
US-09-774-639-214
; Sequence 214, Application US/09774639
; Publication No. US20030003555A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 90 Human Secreted Proteins
; FILE REFERENCE: PZ013P1
; CURRENT APPLICATION NUMBER: US/09/774,639
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/244,112
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 371
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 214
; LENGTH: 51
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-774-639-214

Query Match 18.2%; Score 18; DB 10; Length 51;
Best Local Similarity 66.7%; Pred. No. 2.2e+04;
Matches 2; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 44 CXC 46
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Db 8 CAC 10

RESULT 32
US-09-969-730-222
; Sequence 222, Application US/09969730
; Publication No. US20030054443A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: 90 Human Secreted Proteins
; FILE REFERENCE: PZ013P2
; CURRENT APPLICATION NUMBER: US/09/969,730
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 09/774,639
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/238,291
; PRIOR FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: 09/244,112
; PRIOR FILING DATE: 1999-02-04
; PRIOR APPLICATION NUMBER: PCT/US98/16235
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/056,371
; PRIOR FILING DATE: 1997-08-19
; PRIOR APPLICATION NUMBER: 60/056,732
; PRIOR FILING DATE: 1997-08-19
; PRIOR APPLICATION NUMBER: 60/056,366
; PRIOR FILING DATE: 1997-08-19
; PRIOR APPLICATION NUMBER: 60/056,364
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; PRIOR FILING DATE: 1997-08-19
; PRIOR APPLICATION NUMBER: 60/056,557
; PRIOR FILING DATE: 1997-08-19
; PRIOR APPLICATION NUMBER: 60/056,563
; PRIOR FILING DATE: 1997-08-19
; PRIOR APPLICATION NUMBER: 60/055,970
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/055,986
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/055,311
; PRIOR FILING DATE: 1997-08-05

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  PRIOR APPLICATION NUMBER: 60/054,808
  PRIOR FILING DATE: 1997-08-05
  PRIOR APPLICATION NUMBER: 60/054,803
  PRIOR FILING DATE: 1997-08-05
  PRIOR APPLICATION NUMBER: 60/054,804
  PRIOR FILING DATE: 1997-08-05
  PRIOR APPLICATION NUMBER: 60/054,809
  PRIOR FILING DATE: 1997-08-05
  PRIOR APPLICATION NUMBER: 60/054,806
  PRIOR FILING DATE: 1997-08-05
  PRIOR APPLICATION NUMBER: 60/055,310
  PRIOR FILING DATE: 1997-08-05
  PRIOR APPLICATION NUMBER: 60/054,798
  PRIOR FILING DATE: 1997-08-05
  PRIOR APPLICATION NUMBER: 60/055,309
  PRIOR FILING DATE: 1997-08-05
  PRIOR APPLICATION NUMBER: 60/055,312
  PRIOR FILING DATE: 1997-08-05
  PRIOR APPLICATION NUMBER: 60/054,807
  PRIOR FILING DATE: 1997-08-05
  PRIOR APPLICATION NUMBER: 60/055,386
  PRIOR FILING DATE: 1997-08-05
  NUMBER OF SEQ ID NOS: 373
  SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 222
   LENGTH: 51
   TYPE: PRT
   ORGANISM: Homo sapiens
JS-09-969-730-222

  Query Match             18.2%;  Score 18;  DB 10;  Length 51;
  Best Local Similarity   66.7%;  Pred. No. 2.2e+04;
  Matches    2;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          44 CXC 46
               | |
Db           8 CAC 10


RESULT 33
JS-09-977-406A-45
 Sequence 45, Application US/09977406A
 Publication No. US20030170220A1
 GENERAL INFORMATION:
  APPLICANT: PROCYON BIOPHARMA INC.
  TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
  FILE REFERENCE: 06508-030-US-03
  CURRENT APPLICATION NUMBER: US/09/977,406A
  CURRENT FILING DATE:  2001-10-15
  PRIOR APPLICATION NUMBER: CA 2,321,256
  PRIOR FILING DATE: 2000-10-16
  PRIOR APPLICATION NUMBER: CA 2,355,334
  PRIOR FILING DATE: 2001-08-20
  NUMBER OF SEQ ID NOS: 92
  SOFTWARE: PatentIn version 3.1
 SEQ ID NO 45
   LENGTH: 51
   TYPE: PRT
   ORGANISM: Artificial Sequence
   FEATURE:
   OTHER INFORMATION: Polypeptide derived from rHuPSP94 sequence (polypeptide analog)
JS-09-977-406A-45

  Query Match             18.2%;  Score 18;  DB 10;  Length 51;
  Best Local Similarity   66.7%;  Pred. No. 2.2e+04;
  Matches    2;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          44 CXC 46
               | |
Db          10 CTC 12


RESULT 34
US-09-864-408A-2918
; Sequence 2918, Application US/09864408A
; Publication No. US20040009474A1
; GENERAL INFORMATION:
;  APPLICANT: Leach, Martin D.
;  APPLICANT:  Shimkets, Richard A.
;  TITLE OF INVENTION: No. US20040009474A1el Human Polynucleotides and Polypeptides Enco
;  FILE REFERENCE: 21402-012
;  CURRENT APPLICATION NUMBER: US/09/864,408A
;  CURRENT FILING DATE:  2001-05-24
;  PRIOR APPLICATION NUMBER: 60/206,690
;  PRIOR FILING DATE: 2000-05-24
;  NUMBER OF SEQ ID NOS: 9068
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2918
;   LENGTH: 51
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-864-408A-2918

  Query Match             18.2%;  Score 18;  DB 11;  Length 51;
  Best Local Similarity   66.7%;  Pred. No. 2.2e+04;
  Matches    2;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          44 CXC 46
               | |
Db          48 CAC 50


RESULT 35
US-09-864-408A-3512
; Sequence 3512, Application US/09864408A
; Publication No. US20040009474A1
; GENERAL INFORMATION:
;  APPLICANT: Leach, Martin D.
;  APPLICANT:  Shimkets, Richard A.
;  TITLE OF INVENTION: No. US20040009474A1el Human Polynucleotides and Polypeptides Enco
;  FILE REFERENCE: 21402-012
;  CURRENT APPLICATION NUMBER: US/09/864,408A
;  CURRENT FILING DATE:  2001-05-24
;  PRIOR APPLICATION NUMBER: 60/206,690
;  PRIOR FILING DATE: 2000-05-24
;  NUMBER OF SEQ ID NOS: 9068
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3512
;   LENGTH: 51
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-864-408A-3512

  Query Match             18.2%;  Score 18;  DB 11;  Length 51;
  Best Local Similarity   66.7%;  Pred. No. 2.2e+04;
  Matches    2;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          44 CXC 46
               | |
Db          42 CSC 44


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GenCore version 5.1.6

protein - protein search, using sw model

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tal number of hits satisfying chosen parameters: 39315

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

sult No.	Score	% Query Match	Length	DB	ID	Description
1	14	56.0	9	8	US-08-854-825-26	Sequence 26, Appl
2	14	56.0	9	8	US-08-424-550B-357	Sequence 357, App
3	14	56.0	9	8	US-08-344-824-18	Sequence 18, Appl
4	14	56.0	9	8	US-08-344-824-125	Sequence 125, App
5	14	56.0	9	8	US-08-344-824-153	Sequence 153, App
6	14	56.0	9	8	US-08-344-824-313	Sequence 313, App
7	14	56.0	9	9	US-09-812-528-1	Sequence 1, Appli
8	14	56.0	9	9	US-09-812-528-3	Sequence 3, Appli
9	14	56.0	9	9	US-09-821-984-44	Sequence 44, Appl
10	14	56.0	9	9	US-09-284-663A-25	Sequence 25, Appl
11	14	56.0	9	9	US-09-735-274-5	Sequence 5, Appli
12	14	56.0	9	9	US-09-756-899A-1	Sequence 1, Appli
13	14	56.0	9	9	US-09-854-280-18	Sequence 18, Appl
14	14	56.0	9	9	US-09-829-549A-12	Sequence 12, Appl
15	14	56.0	9	9	US-09-834-765-29	Sequence 29, Appl
16	14	56.0	9	9	US-09-834-765-48	Sequence 48, Appl
17	14	56.0	9	9	US-09-834-765-63	Sequence 63, Appl
18	14	56.0	9	9	US-09-834-765-130	Sequence 130, App
19	14	56.0	9	9	US-09-834-765-226	Sequence 226, App
20	14	56.0	9	9	US-09-834-765-316	Sequence 316, App
21	14	56.0	9	9	US-09-834-765-462	Sequence 462, App
22	14	56.0	9	9	US-09-834-765-517	Sequence 517, App
23	14	56.0	9	9	US-09-834-765-546	Sequence 546, App
24	14	56.0	9	9	US-09-834-765-619	Sequence 619, App
25	14	56.0	9	9	US-09-834-765-657	Sequence 657, App
26	14	56.0	9	9	US-09-935-682-32	Sequence 32, Appl
27	14	56.0	9	9	US-09-935-682-49	Sequence 49, Appl
28	14	56.0	9	9	US-09-935-682-66	Sequence 66, Appl
29	14	56.0	9	9	US-09-810-936-137	Sequence 137, App
30	14	56.0	9	9	US-09-853-080-30	Sequence 30, Appl
31	14	56.0	9	9	US-09-847-185-21	Sequence 21, Appl
32	14	56.0	9	9	US-09-847-185-23	Sequence 23, Appl
33	14	56.0	9	9	US-09-832-723-81	Sequence 81, Appl
34	14	56.0	9	9	US-09-780-053-117	Sequence 117, App
35	14	56.0	9	9	US-09-780-053-144	Sequence 144, App
36	14	56.0	9	9	US-09-780-053-158	Sequence 158, App
37	14	56.0	9	9	US-09-780-053-264	Sequence 264, App
38	14	56.0	9	9	US-09-780-053-455	Sequence 455, App
39	14	56.0	9	9	US-09-780-053-554	Sequence 554, App
40	14	56.0	9	9	US-09-780-053-660	Sequence 660, App
41	14	56.0	9	9	US-09-854-208-18	Sequence 18, Appl
42	14	56.0	9	9	US-09-839-497A-11	Sequence 11, Appl
43	14	56.0	9	9	US-09-839-497A-12	Sequence 12, Appl
44	14	56.0	9	9	US-09-839-497A-13	Sequence 13, Appl
45	14	56.0	9	9	US-09-429-755-137	Sequence 137, App
46	14	56.0	9	9	US-09-923-831-4	Sequence 4, Appli
47	14	56.0	9	9	US-09-923-831-6	Sequence 6, Appli
48	14	56.0	9	9	US-09-894-018-319	Sequence 319, App
49	14	56.0	9	9	US-09-872-832-3	Sequence 3, Appli
50	14	56.0	9	9	US-09-888-721-23	Sequence 23, Appl

ALIGNMENTS

RESULT 1
US-08-854-825-26
; Sequence 26, Application US/08854825
; Publication No. US20020115061A1
; GENERAL INFORMATION:
; APPLICANT: Chisari, Francis V.
; APPLICANT: Cerny, Andreas
; TITLE OF INVENTION: PEPTIDES FOR INDUCING CYTOTOXIC T
; TITLE OF INVENTION: LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leydig, Voit & Mayer
; STREET: Two Prudential Plaza, Suite 4900
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,825
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silvert, Donald J.
; REGISTRATION NUMBER: 37552
; REFERENCE/DOCKET NUMBER: 61230
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 616-5600
; TELEFAX: (312) 616-5700

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      TELEX:  25-3533
  INFORMATION FOR SEQ ID NO:  26:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  9 amino acids
      TYPE:  amino acid
      STRANDEDNESS:  single
      TOPOLOGY:  unknown
    MOLECULE TYPE:  peptide
S-08-854-825-26

 Query Match             56.0%;  Score 14;  DB 8;  Length 9;
 Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
 Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          8 GH 9
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b          6 GH 7


ESULT 2
S-08-424-550B-357
 Sequence 357, Application US/08424550B
 Publication No. US20020119447A1
  GENERAL INFORMATION:
    APPLICANT:  JOHN N. SIMONS
    APPLICANT:  TAMI J. PILOT-MATIAS
    APPLICANT:  GEORGE J. DAWSON
    APPLICANT:  GEORGE G. SCHLAUDER
    APPLICANT:  SURESH M. DESAI
    APPLICANT:  THOMAS P. LEARY
    APPLICANT:  ANTHONY SCOTT MUERHOFF
    APPLICANT:  JAMES C. ERKER
    APPLICANT:  SHERI L. BUIJK
    APPLICANT:  ISA K. MUSHAHWAR
    TITLE OF INVENTION:  NON-A, NON-B. NON-C; NON-D, NON-E HEPATITIS
    TITLE OF INVENTION:  REAGENTS AND METHODS FOR THEIR USE
    NUMBER OF SEQUENCES:  716
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  ABBOTT LABORATORIES  D377/AP6D
      STREET:  100 ABBOTT PARK ROAD
      CITY:  ABBOTT PARK
      STATE:  IL
      COUNTRY:  USA
      ZIP:  60064-3500
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Floppy disk
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  PatentIn Release #1.0, Version #1.25
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/424,550B
      FILING DATE:
      CLASSIFICATION:  435435
    ATTORNEY/AGENT INFORMATION:
      NAME:  POREMBSKI, PRISCILLA E.
      REGISTRATION NUMBER:  33,207
      REFERENCE/DOCKET NUMBER:  5527.PC.01
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  708-937-6365
      TELEFAX:  708-938-2623
  INFORMATION FOR SEQ ID NO:  357:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  9 amino acids
      TYPE:  amino acid
      TOPOLOGY:  linear
    MOLECULE TYPE:  protein
S-08-424-550B-357

 Query Match             56.0%;  Score 14;  DB 8;  Length 9;
 Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
 Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          8 GH 9
             ||
Db         4 GH 5


RESULT 3
US-08-344-824-18
; Sequence 18, Application US/08344824
; Publication No. US20030152580A1
;  GENERAL INFORMATION:
;    APPLICANT:  SETTE, Alessandro
;    APPLICANT:  SIDNEY, John
;    TITLE OF INVENTION:  HLA BINDING PEPTIDES AND THEIR USES
;    NUMBER OF SEQUENCES:  399
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  One Market Plaza, Steuart Street Tower, 20th
;      STREET:  Floor
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94105
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/344,824
;      FILING DATE:  23-NOV-1994
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/278,634
;      FILING DATE:  21-JUL-1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Bastian, Kevin L.
;      REGISTRATION NUMBER:  34,774
;      REFERENCE/DOCKET NUMBER:  14137-80-1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 543-9600
;      TELEFAX:  (415) 543-5043
;  INFORMATION FOR SEQ ID NO:  18:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  9 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA (genomic)
US-08-344-824-18

  Query Match             56.0%;  Score 14;  DB 8;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         8 GH 9
             ||
Db         6 GH 7


RESULT 4
US-08-344-824-125
; Sequence 125, Application US/08344824
; Publication No. US20030152580A1
;  GENERAL INFORMATION:
;    APPLICANT:  SETTE, Alessandro
;    APPLICANT:  SIDNEY, John
;    TITLE OF INVENTION:  HLA BINDING PEPTIDES AND THEIR USES
;    NUMBER OF SEQUENCES:  399
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  One Market Plaza, Steuart Street Tower, 20th
;      STREET:  Floor
;      CITY:  San Francisco
;      STATE:  California
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      COUNTRY:  USA
      ZIP:  94105
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Floppy disk
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  PatentIn Release #1.0, Version #1.25
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/344,824
      FILING DATE:  23-NOV-1994
      CLASSIFICATION:  514
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  US 08/278,634
      FILING DATE:  21-JUL-1994
    ATTORNEY/AGENT INFORMATION:
      NAME:  Bastian, Kevin L.
      REGISTRATION NUMBER:  34,774
      REFERENCE/DOCKET NUMBER:  14137-80-1
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  (415) 543-9600
      TELEFAX:  (415) 543-5043
  INFORMATION FOR SEQ ID NO:  125:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  9 amino acids
      TYPE:  amino acid
      STRANDEDNESS:  single
      TOPOLOGY:  linear
    MOLECULE TYPE:  DNA (genomic)
3-08-344-824-125

 Query Match             56.0%;  Score 14;  DB 8;  Length 9;
 Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
 Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

/          8 GH 9
             ||
>          3 GH 4


ESULT 5
3-08-344-824-153
 Sequence 153, Application US/08344824
 Publication No. US20030152580A1
  GENERAL INFORMATION:
    APPLICANT:  SETTE, Alessandro
    APPLICANT:  SIDNEY, John
    TITLE OF INVENTION:  HLA BINDING PEPTIDES AND THEIR USES
    NUMBER OF SEQUENCES:  399
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  Townsend and Townsend Khourie and Crew
      STREET:  One Market Plaza, Steuart Street Tower, 20th
      STREET:  Floor
      CITY:  San Francisco
      STATE:  California
      COUNTRY:  USA
      ZIP:  94105
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Floppy disk
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  PatentIn Release #1.0, Version #1.25
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/344,824
      FILING DATE:  23-NOV-1994
      CLASSIFICATION:  514
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  US 08/278,634
      FILING DATE:  21-JUL-1994
    ATTORNEY/AGENT INFORMATION:
      NAME:  Bastian, Kevin L.
      REGISTRATION NUMBER:  34,774
      REFERENCE/DOCKET NUMBER:  14137-80-1
    TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (415) 543-9600
;       TELEFAX:  (415) 543-5043
;   INFORMATION FOR SEQ ID NO:  153:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  9 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  DNA (genomic)
US-08-344-824-153

  Query Match             56.0%;  Score 14;  DB 8;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          8 GH 9
              ||
Db          4 GH 5


RESULT 6
US-08-344-824-313
; Sequence 313, Application US/08344824
; Publication No. US20030152580A1
;  GENERAL INFORMATION:
;    APPLICANT:  SETTE, Alessandro
;    APPLICANT:  SIDNEY, John
;    TITLE OF INVENTION:  HLA BINDING PEPTIDES AND THEIR USES
;    NUMBER OF SEQUENCES:  399
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  One Market Plaza, Steuart Street Tower, 20th
;      STREET:  Floor
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94105
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/344,824
;      FILING DATE:  23-NOV-1994
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/278,634
;      FILING DATE:  21-JUL-1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Bastian, Kevin L.
;      REGISTRATION NUMBER:  34,774
;      REFERENCE/DOCKET NUMBER:  14137-80-1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 543-9600
;      TELEFAX:  (415) 543-5043
;  INFORMATION FOR SEQ ID NO:  313:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  9 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA (genomic)
US-08-344-824-313

  Query Match             56.0%;  Score 14;  DB 8;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          8 GH 9
              ||
Db          3 GH 4
```

```
!ESULT 7
)S-09-812-528-1
  Sequence 1, Application US/09812528
  Patent No. US20010018210A1
  GENERAL INFORMATION:
   APPLICANT: Bachovchin, William
   APPLICANT:  Wallner, Barbara
   TITLE OF INVENTION: STIMULATION OF HEMATOPOIETIC CELLS IN
   TITLE OF INVENTION:  VITRO
   FILE REFERENCE: I0248/7015
   CURRENT APPLICATION NUMBER: US/09/812,528
   CURRENT FILING DATE:  2001-03-20
   PRIOR APPLICATION NUMBER: US 60/060,306
   PRIOR FILING DATE: 1997-09-29
   PRIOR APPLICATION NUMBER: US 09/162,934
   PRIOR FILING DATE: 1998-09-29
   NUMBER OF SEQ ID NOS: 20
   SOFTWARE: FastSEQ for Windows Version 3.0
  SEQ ID NO 1
    LENGTH: 9
    TYPE: PRT
    ORGANISM: homo sapiens
)S-09-812-528-1

  Query Match             56.0%;  Score 14;  DB 9;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

)y          8 GH 9
              ||
)b          6 GH 7


!ESULT 8
)S-09-812-528-3
  Sequence 3, Application US/09812528
  Patent No. US20010018210A1
  GENERAL INFORMATION:
   APPLICANT: Bachovchin, William
   APPLICANT:  Wallner, Barbara
   TITLE OF INVENTION: STIMULATION OF HEMATOPOIETIC CELLS IN
   TITLE OF INVENTION:  VITRO
   FILE REFERENCE: I0248/7015
   CURRENT APPLICATION NUMBER: US/09/812,528
   CURRENT FILING DATE:  2001-03-20
   PRIOR APPLICATION NUMBER: US 60/060,306
   PRIOR FILING DATE: 1997-09-29
   PRIOR APPLICATION NUMBER: US 09/162,934
   PRIOR FILING DATE: 1998-09-29
   NUMBER OF SEQ ID NOS: 20
   SOFTWARE: FastSEQ for Windows Version 3.0
  SEQ ID NO 3
    LENGTH: 9
    TYPE: PRT
    ORGANISM: homo sapiens
)S-09-812-528-3

  Query Match             56.0%;  Score 14;  DB 9;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

)y          8 GH 9
              ||
)b          6 GH 7


!ESULT 9
)S-09-821-984-44
  Sequence 44, Application US/09821984
  Patent No. US20020004205A1
  GENERAL INFORMATION:
   APPLICANT: Consler, Thomas G.
   APPLICANT:  Iannone, Marie A.
   APPLICANT:  Gray, John G.
   APPLICANT:  Stimmel, Julia E.
   TITLE OF INVENTION: METHOD OF INVESTIGATING FUNCTIONAL
   TITLE OF INVENTION:  MOLECULAR INTERACTIONS AND REAGENTS FOR USE THEREIN
   FILE REFERENCE: 07083.0007U2
   CURRENT APPLICATION NUMBER: US/09/821,984
   CURRENT FILING DATE:  2001-03-30
   PRIOR APPLICATION NUMBER: 60/193,826
   PRIOR FILING DATE: 2000-03-31
   NUMBER OF SEQ ID NOS: 44
   SOFTWARE: FastSEQ for Windows Version 4.0
  SEQ ID NO 44
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Artificial Sequence
    FEATURE:
    OTHER INFORMATION: Description of Artificial Sequence:/note =
    OTHER INFORMATION: synthetic construct
US-09-821-984-44

  Query Match             56.0%;  Score 14;  DB 9;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          8 GH 9
              ||
Db          4 GH 5


RESULT 10
US-09-284-663A-25
  Sequence 25, Application US/09284663A
  Patent No. US20020012961A1
  GENERAL INFORMATION:
   APPLICANT:  Botstein, David A.
   APPLICANT:  Goddard, Audrey
   APPLICANT:  Gurney, Austin L.
   APPLICANT:  Hillan, Kenneth J.
   APPLICANT:  Lawrence, David A.
   APPLICANT:  Roy, Margaret Ann
   TITLE OF INVENTION:  Fibroblast Growth Factor-19
   FILE REFERENCE:  P1219R1(e)
   CURRENT APPLICATION NUMBER: US/09/284,663A
   CURRENT FILING DATE:  1999-04-15
   NUMBER OF SEQ ID NOS:  30
  SEQ ID NO 25
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Artificial Sequence
    FEATURE:
    OTHER INFORMATION: Synthetic epitope-tag.
US-09-284-663A-25

  Query Match             56.0%;  Score 14;  DB 9;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          8 GH 9
              ||
Db          1 GH 2


RESULT 11
US-09-735-274-5
  Sequence 5, Application US/09735274
  Patent No. US20020028772A1
  GENERAL INFORMATION:
   APPLICANT: Ben-Sasson, Shmuel
   TITLE OF INVENTION: MODULATORS OF ACTIVITY OF
   TITLE OF INVENTION:  G-PROTEIN-COUPLED RECEPTOR KINASES
   FILE REFERENCE: 1242.1015-010
   CURRENT APPLICATION NUMBER: US/09/735,274
```

```
  CURRENT FILING DATE:  2000-12-11
  PRIOR APPLICATION NUMBER: US 08/861,338
  PRIOR FILING DATE: 1997-05-21
  NUMBER OF SEQ ID NOS: 19
  SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 5
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Artificial Sequence
    FEATURE:
    OTHER INFORMATION: bARK1
    NAME/KEY: MYRISTATE
    LOCATION: (1)...(0)
    NAME/KEY: AMIDATION
    LOCATION: (0)...(9)
3-09-735-274-5

 Query Match             56.0%;  Score 14;  DB 9;  Length 9;
 Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
 Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

/          8 GH 9
             ||
>          4 GH 5


ESULT 12
3-09-756-899A-1
 Sequence 1, Application US/09756899A
 Patent No. US20020045186A1
 GENERAL INFORMATION:
  APPLICANT: Redgeld, Franciscus
  APPLICANT:  Kraneveld, Aletta
  APPLICANT:  Nijkamp, Franciscus
  TITLE OF INVENTION: INHIBITION OF PROTEIN BINDING TO MAST CELLS
  FILE REFERENCE: 2183-4692
  CURRENT APPLICATION NUMBER: US/09/756,899A
  CURRENT FILING DATE:  2001-01-09
  PRIOR APPLICATION NUMBER: PCT/NL99/00430
  PRIOR FILING DATE: 1997-07-07
  NUMBER OF SEQ ID NOS: 3
  SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Unknown
    FEATURE:
    OTHER INFORMATION: peptide
3-09-756-899A-1

 Query Match             56.0%;  Score 14;  DB 9;  Length 9;
 Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
 Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

/          8 GH 9
             ||
>          5 GH 6


ESULT 13
3-09-854-280-18
 Sequence 18, Application US/09854280
 Patent No. US20020052027A1
 GENERAL INFORMATION:
  APPLICANT: Chen, Jian
  APPLICANT:  Filvaroff, Ellen
  APPLICANT:  Goddard, Audrey
  APPLICANT:  Gurney, Austin
  APPLICANT:  Li, Hanzhong
  APPLICANT:  Wood, William I.
  TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF
  FILE REFERENCE: P1381R1C2
  CURRENT APPLICATION NUMBER: US/09/854,280
;  CURRENT FILING DATE:  2001-05-10
;  PRIOR APPLICATION NUMBER: US 09/311,832
;  PRIOR FILING DATE: 1999-05-14
;  PRIOR APPLICATION NUMBER: US 60/085,579
;  PRIOR FILING DATE: 1998-05-15
;  PRIOR APPLICATION NUMBER: US 60/113,621
;  PRIOR FILING DATE: 1998-12-23
;  NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 18
;    LENGTH: 9
;    TYPE: PRT
;    ORGANISM: Artificial Sequence
;    FEATURE:
;    OTHER INFORMATION: HIS tag
US-09-854-280-18

  Query Match             56.0%;  Score 14;  DB 9;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          8 GH 9
              ||
Db          1 GH 2


RESULT 14
US-09-829-549A-12
; Sequence 12, Application US/09829549A
; Patent No. US20020052484A1
; GENERAL INFORMATION:
;  APPLICANT: The Curators of the University of Missouri
;  TITLE OF INVENTION: PHAGE DISPLAY SELECTION OF ANTI FUNGAL PEPTIDES
;  FILE REFERENCE: UMO 1521.1
;  CURRENT APPLICATION NUMBER: US/09/829,549A
;  CURRENT FILING DATE:  2001-04-10
;  PRIOR APPLICATION NUMBER: US 60/195,785
;  PRIOR FILING DATE: 2000-04-10
;  NUMBER OF SEQ ID NOS: 48
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
;    LENGTH: 9
;    TYPE: PRT
;    ORGANISM: Artificial Sequence
;    FEATURE:
;    NAME/KEY: DOMAIN
;    LOCATION: (1)..(9)
;    OTHER INFORMATION: Random peptide insert
US-09-829-549A-12

  Query Match             56.0%;  Score 14;  DB 9;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          8 GH 9
              ||
Db          7 GH 8


RESULT 15
US-09-834-765-29
; Sequence 29, Application US/09834765
; Patent No. US20020055478A1
; GENERAL INFORMATION:
;  APPLICANT: Mary Faris
;  APPLICANT:  Pia M. Challita-Eid
;  APPLICANT:  Arthur B. Raitano
;  APPLICANT:  Steve Chappell Mitchell
;  APPLICANT:  Daniel E.H. Afar
;  APPLICANT:  Aya Jakobovits
;  TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
;  TITLE OF INVENTION:  AND DETECTION OF CANCER
;  FILE REFERENCE: 129.6USU1
;  CURRENT APPLICATION NUMBER: US/09/834,765
```

```
  CURRENT FILING DATE:  2001-09-21
  PRIOR APPLICATION NUMBER: 60/197,647
  PRIOR FILING DATE: 2000-04-12
  NUMBER OF SEQ ID NOS: 770
  SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 29
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Homo sapiens
S-09-834-765-29

 Query Match             56.0%;  Score 14;  DB 9;  Length 9;
 Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
 Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          8 GH 9
             ||
b          6 GH 7


ESULT 16
'S-09-834-765-48
 Sequence 48, Application US/09834765
 Patent No. US20020055478A1
 GENERAL INFORMATION:
  APPLICANT: Mary Faris
  APPLICANT:  Pia M. Challita-Eid
  APPLICANT:  Arthur B. Raitano
  APPLICANT:  Steve Chappell Mitchell
  APPLICANT:  Daniel E.H. Afar
  APPLICANT:  Aya Jakobovits
  TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
  TITLE OF INVENTION:  AND DETECTION OF CANCER
  FILE REFERENCE: 129.6USU1
  CURRENT APPLICATION NUMBER: US/09/834,765
  CURRENT FILING DATE:  2001-09-21
  PRIOR APPLICATION NUMBER: 60/197,647
  PRIOR FILING DATE: 2000-04-12
  NUMBER OF SEQ ID NOS: 770
  SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 48
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Homo sapiens
S-09-834-765-48

 Query Match             56.0%;  Score 14;  DB 9;  Length 9;
 Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
 Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          8 GH 9
             ||
b          1 GH 2


ESULT 17
S-09-834-765-63
 Sequence 63, Application US/09834765
 Patent No. US20020055478A1
 GENERAL INFORMATION:
  APPLICANT: Mary Faris
  APPLICANT:  Pia M. Challita-Eid
  APPLICANT:  Arthur B. Raitano
  APPLICANT:  Steve Chappell Mitchell
  APPLICANT:  Daniel E.H. Afar
  APPLICANT:  Aya Jakobovits
  TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
  TITLE OF INVENTION:  AND DETECTION OF CANCER
  FILE REFERENCE: 129.6USU1
  CURRENT APPLICATION NUMBER: US/09/834,765
  CURRENT FILING DATE:  2001-09-21
  PRIOR APPLICATION NUMBER: 60/197,647
  PRIOR FILING DATE: 2000-04-12
 ;  NUMBER OF SEQ ID NOS: 770
 ;  SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 63
 ;   LENGTH: 9
 ;   TYPE: PRT
 ;   ORGANISM: Homo sapiens
US-09-834-765-63

  Query Match             56.0%;  Score 14;  DB 9;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          8 GH 9
              ||
Db          8 GH 9


RESULT 18
US-09-834-765-130
; Sequence 130, Application US/09834765
; Patent No. US20020055478A1
; GENERAL INFORMATION:
;  APPLICANT: Mary Faris
;  APPLICANT:  Pia M. Challita-Eid
;  APPLICANT:  Arthur B. Raitano
;  APPLICANT:  Steve Chappell Mitchell
;  APPLICANT:  Daniel E.H. Afar
;  APPLICANT:  Aya Jakobovits
;  TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
;  TITLE OF INVENTION:  AND DETECTION OF CANCER
;  FILE REFERENCE: 129.6USU1
;  CURRENT APPLICATION NUMBER: US/09/834,765
;  CURRENT FILING DATE:  2001-09-21
;  PRIOR APPLICATION NUMBER: 60/197,647
;  PRIOR FILING DATE: 2000-04-12
;  NUMBER OF SEQ ID NOS: 770
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 130
;   LENGTH: 9
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-834-765-130

  Query Match             56.0%;  Score 14;  DB 9;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          8 GH 9
              ||
Db          3 GH 4


RESULT 19
US-09-834-765-226
; Sequence 226, Application US/09834765
; Patent No. US20020055478A1
; GENERAL INFORMATION:
;  APPLICANT: Mary Faris
;  APPLICANT:  Pia M. Challita-Eid
;  APPLICANT:  Arthur B. Raitano
;  APPLICANT:  Steve Chappell Mitchell
;  APPLICANT:  Daniel E.H. Afar
;  APPLICANT:  Aya Jakobovits
;  TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
;  TITLE OF INVENTION:  AND DETECTION OF CANCER
;  FILE REFERENCE: 129.6USU1
;  CURRENT APPLICATION NUMBER: US/09/834,765
;  CURRENT FILING DATE:  2001-09-21
;  PRIOR APPLICATION NUMBER: 60/197,647
;  PRIOR FILING DATE: 2000-04-12
;  NUMBER OF SEQ ID NOS: 770
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 226
```

LENGTH: 9
TYPE: PRT
ORGANISM: Homo sapiens
3-09-834-765-226

Query Match 56.0%; Score 14; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 GH 9
||
Db 4 GH 5

SULT 20
3-09-834-765-316
Sequence 316, Application US/09834765
Patent No. US20020055478A1
GENERAL INFORMATION:
APPLICANT: Mary Faris
APPLICANT: Pia M. Challita-Eid
APPLICANT: Arthur B. Raitano
APPLICANT: Steve Chappell Mitchell
APPLICANT: Daniel E.H. Afar
APPLICANT: Aya Jakobovits
TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
TITLE OF INVENTION: AND DETECTION OF CANCER
FILE REFERENCE: 129.6USU1
CURRENT APPLICATION NUMBER: US/09/834,765
CURRENT FILING DATE: 2001-09-21
PRIOR APPLICATION NUMBER: 60/197,647
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 770
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 316
LENGTH: 9
TYPE: PRT
ORGANISM: Homo sapiens
3-09-834-765-316

Query Match 56.0%; Score 14; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 GH 9
||
Db 4 GH 5

SULT 21
3-09-834-765-462
Sequence 462, Application US/09834765
Patent No. US20020055478A1
GENERAL INFORMATION:
APPLICANT: Mary Faris
APPLICANT: Pia M. Challita-Eid
APPLICANT: Arthur B. Raitano
APPLICANT: Steve Chappell Mitchell
APPLICANT: Daniel E.H. Afar
APPLICANT: Aya Jakobovits
TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
TITLE OF INVENTION: AND DETECTION OF CANCER
FILE REFERENCE: 129.6USU1
CURRENT APPLICATION NUMBER: US/09/834,765
CURRENT FILING DATE: 2001-09-21
PRIOR APPLICATION NUMBER: 60/197,647
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 770
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 462
LENGTH: 9
TYPE: PRT
ORGANISM: Homo sapiens
US-09-834-765-462

Query Match 56.0%; Score 14; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 GH 9
||
Db 3 GH 4

RESULT 22
US-09-834-765-517
; Sequence 517, Application US/09834765
; Patent No. US20020055478A1
; GENERAL INFORMATION:
; APPLICANT: Mary Faris
; APPLICANT: Pia M. Challita-Eid
; APPLICANT: Arthur B. Raitano
; APPLICANT: Steve Chappell Mitchell
; APPLICANT: Daniel E.H. Afar
; APPLICANT: Aya Jakobovits
; TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
; TITLE OF INVENTION: AND DETECTION OF CANCER
; FILE REFERENCE: 129.6USU1
; CURRENT APPLICATION NUMBER: US/09/834,765
; CURRENT FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/197,647
; PRIOR FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 770
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 517
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-834-765-517

Query Match 56.0%; Score 14; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 GH 9
||
Db 3 GH 4

RESULT 23
US-09-834-765-546
; Sequence 546, Application US/09834765
; Patent No. US20020055478A1
; GENERAL INFORMATION:
; APPLICANT: Mary Faris
; APPLICANT: Pia M. Challita-Eid
; APPLICANT: Arthur B. Raitano
; APPLICANT: Steve Chappell Mitchell
; APPLICANT: Daniel E.H. Afar
; APPLICANT: Aya Jakobovits
; TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
; TITLE OF INVENTION: AND DETECTION OF CANCER
; FILE REFERENCE: 129.6USU1
; CURRENT APPLICATION NUMBER: US/09/834,765
; CURRENT FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/197,647
; PRIOR FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 770
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 546
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-834-765-546

Query Match 56.0%; Score 14; DB 9; Length 9;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 8 GH 9
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b 3 GH 4

ESULT 24
S-09-834-765-619
Sequence 619, Application US/09834765
Patent No. US20020055478A1
GENERAL INFORMATION:
APPLICANT: Mary Faris
APPLICANT: Pia M. Challita-Eid
APPLICANT: Arthur B. Raitano
APPLICANT: Steve Chappell Mitchell
APPLICANT: Daniel E.H. Afar
APPLICANT: Aya Jakobovits
TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
TITLE OF INVENTION: AND DETECTION OF CANCER
FILE REFERENCE: 129.6USU1
CURRENT APPLICATION NUMBER: US/09/834,765
CURRENT FILING DATE: 2001-09-21
PRIOR APPLICATION NUMBER: 60/197,647
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 770
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 619
LENGTH: 9
TYPE: PRT
ORGANISM: Homo sapiens
S-09-834-765-619

Query Match 56.0%; Score 14; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 8 GH 9
||
b 3 GH 4

ESULT 25
S-09-834-765-657
Sequence 657, Application US/09834765
Patent No. US20020055478A1
GENERAL INFORMATION:
APPLICANT: Mary Faris
APPLICANT: Pia M. Challita-Eid
APPLICANT: Arthur B. Raitano
APPLICANT: Steve Chappell Mitchell
APPLICANT: Daniel E.H. Afar
APPLICANT: Aya Jakobovits
TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
TITLE OF INVENTION: AND DETECTION OF CANCER
FILE REFERENCE: 129.6USU1
CURRENT APPLICATION NUMBER: US/09/834,765
CURRENT FILING DATE: 2001-09-21
PRIOR APPLICATION NUMBER: 60/197,647
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 770
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 657
LENGTH: 9
TYPE: PRT
ORGANISM: Homo sapiens
S-09-834-765-657

Query Match 56.0%; Score 14; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 GH 9
||
Db 7 GH 8

RESULT 26
US-09-935-682-32
; Sequence 32, Application US/09935682
; Patent No. US20020059032A1
; GENERAL INFORMATION:
; APPLICANT: Societe de Conseils de Recherches et D'Applications Scientifiques
; APPLICANT: Ferrer, Camara Y.
; TITLE OF INVENTION: Rational Selection of Putative Peptides from Identified Nucleotid
; TITLE OF INVENTION: Peptide Sequences
; FILE REFERENCE: 58767.000005
; CURRENT APPLICATION NUMBER: US/09/935,682
; CURRENT FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 09/257,525
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: PCT/FR00/00460
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-935-682-32

Query Match 56.0%; Score 14; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 GH 9
||
Db 6 GH 7

RESULT 27
US-09-935-682-49
; Sequence 49, Application US/09935682
; Patent No. US20020059032A1
; GENERAL INFORMATION:
; APPLICANT: Societe de Conseils de Recherches et D'Applications Scientifiques
; APPLICANT: Ferrer, Camara Y.
; TITLE OF INVENTION: Rational Selection of Putative Peptides from Identified Nucleotid
; TITLE OF INVENTION: Peptide Sequences
; FILE REFERENCE: 58767.000005
; CURRENT APPLICATION NUMBER: US/09/935,682
; CURRENT FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 09/257,525
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: PCT/FR00/00460
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 49
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-935-682-49

Query Match 56.0%; Score 14; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 GH 9
||
Db 6 GH 7

RESULT 28
US-09-935-682-66

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 Sequence 66, Application US/09935682
 Patent No. US20020059032A1
 GENERAL INFORMATION:
  APPLICANT: Societe de Conseils de Recherches et D'Applications Scientifiques
  APPLICANT:  Ferrer, Camara Y.
  TITLE OF INVENTION: Rational Selection of Putative Peptides from Identified Nucleotid
  TITLE OF INVENTION:  Peptide Sequences
  FILE REFERENCE: 58767.000005
  CURRENT APPLICATION NUMBER: US/09/935,682
  CURRENT FILING DATE:  2001-08-24
  PRIOR APPLICATION NUMBER: 09/257,525
  PRIOR FILING DATE: 1999-02-25
  PRIOR APPLICATION NUMBER: PCT/FR00/00460
  PRIOR FILING DATE: 2000-02-24
  NUMBER OF SEQ ID NOS: 73
  SOFTWARE: PatentIn version 3.1
 SEQ ID NO 66
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Homo sapiens
S-09-935-682-66

 Query Match             56.0%;  Score 14;  DB 9;  Length 9;
 Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
 Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          8 GH 9
             ||
b          4 GH 5


ESULT 29
S-09-810-936-137
 Sequence 137, Application US/09810936
 Patent No. US20020068285A1
 GENERAL INFORMATION:
  APPLICANT: Frudakis, Tony N.
  APPLICANT:  Reed, Steven G.
  APPLICANT:  Smith, John M.
  APPLICANT:  Misher, Linda E.
  APPLICANT:  Dillon, Davin C.
  APPLICANT:  Retter, Marc W.
  APPLICANT:  Wang, Aijun
  APPLICANT:  Skeiky, Yasir A.W.
  APPLICANT:  Harlocker, Susan L.
  APPLICANT:  Day, Craig H.
  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
  TITLE OF INVENTION:  THERAPY AND DIAGNOSIS OF BREAST CANCER
  FILE REFERENCE: 210121.419C11
  CURRENT APPLICATION NUMBER: US/09/810,936
  CURRENT FILING DATE:  2001-03-16
  NUMBER OF SEQ ID NOS: 334
  SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 137
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Artificial Sequence
    FEATURE:
    OTHER INFORMATION: Predicited HLA A2.1 Motifs (T-cell epitopes)
S-09-810-936-137

 Query Match             56.0%;  Score 14;  DB 9;  Length 9;
 Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
 Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          8 GH 9
             ||
b          5 GH 6


ESULT 30
S-09-853-080-30
 Sequence 30, Application US/09853080
 Patent No. US20020068303A1
 GENERAL INFORMATION:
  APPLICANT: Laub, Ruth
  APPLICANT:  Di Giambattista, Mario
  TITLE OF INVENTION: ANTIGENIC POLYPEPTIDE SEQUENCES OF FACTOR
  TITLE OF INVENTION:  VIII, FRAGMENTS AND/OR EPITOPES OF THESE SEQUENCES
  FILE REFERENCE: VANMA48.001CP1
  CURRENT APPLICATION NUMBER: US/09/853,080
  CURRENT FILING DATE:  2001-05-09
  PRIOR APPLICATION NUMBER: US 08/765,837
  PRIOR FILING DATE: 1999-09-07
  PRIOR APPLICATION NUMBER: PCT/BE95/00068
  PRIOR FILING DATE: 1995-07-14
  PRIOR APPLICATION NUMBER: BE 9400666
  PRIOR FILING DATE: 1994-07-14
  NUMBER OF SEQ ID NOS: 33
  SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 30
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Homo sapiens
    FEATURE:
    OTHER INFORMATION: epitope Ile 2262 to Gln 2270 of C domain of Factor
    OTHER INFORMATION: VIII
US-09-853-080-30

  Query Match             56.0%;  Score 14;  DB 9;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          8 GH 9
              ||
Db          7 GH 8


RESULT 31
US-09-847-185-21
 Sequence 21, Application US/09847185
 Patent No. US20020076392A1
   GENERAL INFORMATION:
        APPLICANT: Soo Hoo, William
        TITLE OF INVENTION: MEMBRANE-BOUND CYTOKINE COMPOSITIONS
                            COMPRISING GM-CSF AND METHODS OF MODULATING AN IMMUNE
                            RESPONSE USING SAME
        NUMBER OF SEQUENCES: 50
        CORRESPONDENCE ADDRESS:
             ADDRESSEE: CAMPBELL & FLORES, LLP
             STREET: 4370 La Jolla Village Drive, Suite 700
             CITY: San Diego
             STATE: California
             COUNTRY: United States
             ZIP: 92121
        COMPUTER READABLE FORM:
             MEDIUM TYPE: Floppy disk
             COMPUTER: IBM PC compatible
             OPERATING SYSTEM: PC-DOS/MS-DOS
             SOFTWARE: PatentIn Release #1.0, Version #1.25
        CURRENT APPLICATION DATA:
             APPLICATION NUMBER: US/09/847,185
             FILING DATE: 01-May-2001
             CLASSIFICATION: <Unknown>
        PRIOR APPLICATION DATA:
             APPLICATION NUMBER: 09/201,931
             FILING DATE: <Unknown>
        ATTORNEY/AGENT INFORMATION:
             NAME: Campbell, Cathryn A.
             REGISTRATION NUMBER: 31,815
             REFERENCE/DOCKET NUMBER: P-IM 2442
        TELECOMMUNICATION INFORMATION:
             TELEPHONE: (619)535-9001
             TELEFAX: (619)535-8949
   INFORMATION FOR SEQ ID NO: 21:
        SEQUENCE CHARACTERISTICS:
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;             LENGTH: 9 amino acids
;             TYPE: amino acid
;             TOPOLOGY: linear
;         MOLECULE TYPE: peptide
;         SEQUENCE DESCRIPTION: SEQ ID NO: 21:
JS-09-847-185-21

  Query Match             56.0%;  Score 14;  DB 9;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          8 GH 9
              ||
Db          6 GH 7


RESULT 32
JS-09-847-185-23
; Sequence 23, Application US/09847185
; Patent No. US20020076392A1
;   GENERAL INFORMATION:
;         APPLICANT: Soo Hoo, William
;         TITLE OF INVENTION: MEMBRANE-BOUND CYTOKINE COMPOSITIONS
;                             COMPRISING GM-CSF AND METHODS OF MODULATING AN IMMUNE
;                             RESPONSE USING SAME
;         NUMBER OF SEQUENCES: 50
;         CORRESPONDENCE ADDRESS:
;             ADDRESSEE: CAMPBELL & FLORES, LLP
;             STREET: 4370 La Jolla Village Drive, Suite 700
;             CITY: San Diego
;             STATE: California
;             COUNTRY: United States
;             ZIP: 92121
;         COMPUTER READABLE FORM:
;             MEDIUM TYPE: Floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: PatentIn Release #1.0, Version #1.25
;         CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/09/847,185
;             FILING DATE: 01-May-2001
;             CLASSIFICATION: <Unknown>
;         PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: 09/201,931
;             FILING DATE: <Unknown>
;         ATTORNEY/AGENT INFORMATION:
;             NAME: Campbell, Cathryn A.
;             REGISTRATION NUMBER: 31,815
;             REFERENCE/DOCKET NUMBER: P-IM 2442
;         TELECOMMUNICATION INFORMATION:
;             TELEPHONE: (619)535-9001
;             TELEFAX: (619)535-8949
;    INFORMATION FOR SEQ ID NO: 23:
;         SEQUENCE CHARACTERISTICS:
;             LENGTH: 9 amino acids
;             TYPE: amino acid
;             TOPOLOGY: linear
;         MOLECULE TYPE: peptide
;         SEQUENCE DESCRIPTION: SEQ ID NO: 23:
JS-09-847-185-23

  Query Match             56.0%;  Score 14;  DB 9;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          8 GH 9
              ||
Db          6 GH 7


RESULT 33
JS-09-832-723-81
; Sequence 81, Application US/09832723
; Patent No. US20020098524A1
; GENERAL INFORMATION:
;  APPLICANT: Estell, David A.
;  APPLICANT:  Chen, Yiyou
;  APPLICANT:  Murray, Christopher J.
;  APPLICANT:  Tijerina, Pilar
;  TITLE OF INVENTION: METHODS FOR SELECTIVE TARGETING
;  FILE REFERENCE: GC617-2
;  CURRENT APPLICATION NUMBER: US/09/832,723
;  CURRENT FILING DATE:  2001-04-11
;  PRIOR APPLICATION NUMBER: US 60/197,259
;  PRIOR FILING DATE: 2000-04-14
;  NUMBER OF SEQ ID NOS: 117
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 81
;   LENGTH: 9
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: peptides screened from a phage display random
;   OTHER INFORMATION: peptide library
US-09-832-723-81

  Query Match             56.0%;  Score 14;  DB 9;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          8 GH 9
              ||
Db          5 GH 6


RESULT 34
US-09-780-053-117
; Sequence 117, Application US/09780053
; Patent No. US20020102640A1
; GENERAL INFORMATION:
;  APPLICANT: Rene S. Hubert
;  APPLICANT:  Daniel E.H. Afar
;  APPLICANT:  Pia M. Challita-Eid
;  APPLICANT:  Mary Faris
;  APPLICANT:  Elana Levin
;  APPLICANT:  Steve Chappell Mitchell
;  APPLICANT:  Aya Jakobovits
;  TITLE OF INVENTION: 83P5G4:  A TISSUE SPECIFIC PROTEIN
;  TITLE OF INVENTION:  HIGHLY EXPRESSED IN PROSTATE CANCER
;  FILE REFERENCE: 129.5USU1
;  CURRENT APPLICATION NUMBER: US/09/780,053
;  CURRENT FILING DATE:  2001-02-09
;  PRIOR APPLICATION NUMBER: 60/181,261
;  PRIOR FILING DATE: 2000-02-09
;  NUMBER OF SEQ ID NOS: 716
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 117
;   LENGTH: 9
;   TYPE: PRT
;   ORGANISM: Homo Sapiens
US-09-780-053-117

  Query Match             56.0%;  Score 14;  DB 9;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          8 GH 9
              ||
Db          4 GH 5


RESULT 35
US-09-780-053-144
; Sequence 144, Application US/09780053
; Patent No. US20020102640A1
; GENERAL INFORMATION:
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APPLICANT: Rene S. Hubert
APPLICANT: Daniel E.H. Afar
APPLICANT: Pia M. Challita-Eid
APPLICANT: Mary Faris
APPLICANT: Elana Levin
APPLICANT: Steve Chappell Mitchell
APPLICANT: Aya Jakobovits
TITLE OF INVENTION: 83P5G4: A TISSUE SPECIFIC PROTEIN
TITLE OF INVENTION: HIGHLY EXPRESSED IN PROSTATE CANCER
FILE REFERENCE: 129.5USU1
CURRENT APPLICATION NUMBER: US/09/780,053
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/181,261
PRIOR FILING DATE: 2000-02-09
NUMBER OF SEQ ID NOS: 716
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 144
LENGTH: 9
TYPE: PRT
ORGANISM: Homo Sapiens
S-09-780-053-144

Query Match 56.0%; Score 14; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 8 GH 9
||
b 3 GH 4

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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	26	49.1	9	12	US-10-609-217-1105	Sequence 1105, Ap
2	25	47.2	9	9	US-09-966-264-14	Sequence 14, Appl
3	24	45.3	9	9	US-09-987-456-23	Sequence 23, Appl
4	24	45.3	9	10	US-09-809-638-622	Sequence 622, App
5	24	45.3	9	11	US-09-077-439A-8	Sequence 8, Appli
6	24	45.3	9	13	US-10-061-395-115	Sequence 115, App
7	24	45.3	9	13	US-10-205-150-4	Sequence 4, Appli
8	24	45.3	9	14	US-10-052-942-77	Sequence 77, Appl
9	24	45.3	9	14	US-10-076-117-9	Sequence 9, Appli
10	24	45.3	9	15	US-10-448-647-3	Sequence 3, Appli
11	23	43.4	9	14	US-10-357-175-117	Sequence 117, App
12	23	43.4	9	14	US-10-357-175-123	Sequence 123, App
13	23	43.4	9	14	US-10-357-175-130	Sequence 130, App
14	23	43.4	9	14	US-10-357-175-147	Sequence 147, App
15	23	43.4	9	15	US-10-455-720-117	Sequence 117, App
16	23	43.4	9	15	US-10-455-720-123	Sequence 123, App
17	23	43.4	9	15	US-10-455-720-130	Sequence 130, App
18	23	43.4	9	15	US-10-455-720-147	Sequence 147, App
19	22	41.5	9	9	US-09-988-019-8	Sequence 8, Appli
20	22	41.5	9	9	US-09-988-019-9	Sequence 9, Appli
21	22	41.5	9	10	US-09-908-100-2	Sequence 2, Appli
22	22	41.5	9	14	US-10-357-175-125	Sequence 125, App
23	22	41.5	9	14	US-10-357-175-143	Sequence 143, App
24	22	41.5	9	14	US-10-277-292-228	Sequence 228, App
25	22	41.5	9	15	US-10-455-720-125	Sequence 125, App
26	22	41.5	9	15	US-10-455-720-143	Sequence 143, App
27	22	41.5	9	15	US-10-280-340-228	Sequence 228, App
28	22	41.5	9	15	US-10-245-871-828	Sequence 828, App
29	21	39.6	9	9	US-09-834-765-159	Sequence 159, App
30	21	39.6	9	9	US-09-243-079-7	Sequence 7, Appli
31	21	39.6	9	9	US-09-779-308-611	Sequence 611, App
32	21	39.6	9	14	US-10-283-618-9	Sequence 9, Appli
33	21	39.6	9	14	US-10-031-874A-129	Sequence 129, App
34	20	37.7	9	8	US-08-344-824-142	Sequence 142, App
35	20	37.7	9	8	US-08-344-824-286	Sequence 286, App
36	20	37.7	9	8	US-08-344-824-313	Sequence 313, App
37	20	37.7	9	9	US-09-935-682-49	Sequence 49, Appl
38	20	37.7	9	9	US-09-919-048-52	Sequence 52, Appl
39	20	37.7	9	9	US-09-919-048-89	Sequence 89, Appl
40	20	37.7	9	9	US-09-919-048-103	Sequence 103, App
41	20	37.7	9	9	US-09-919-048-110	Sequence 110, App
42	20	37.7	9	9	US-09-919-048-112	Sequence 112, App
43	20	37.7	9	9	US-09-919-048-136	Sequence 136, App
44	20	37.7	9	9	US-09-919-048-154	Sequence 154, App
45	20	37.7	9	9	US-09-919-048-178	Sequence 178, App
46	20	37.7	9	10	US-09-983-802-416	Sequence 416, App
47	20	37.7	9	10	US-09-865-548A-60	Sequence 60, Appl
48	20	37.7	9	10	US-09-978-309A-56	Sequence 56, Appl
49	20	37.7	9	10	US-09-978-309A-57	Sequence 57, Appl
50	20	37.7	9	12	US-09-973-278-643	Sequence 643, App

ALIGNMENTS

RESULT 1
US-10-609-217-1105
; Sequence 1105, Application US/10609217
; Publication No. US20040044188A1
; GENERAL INFORMATION:
; APPLICANT: FEIGE, ULRICH
; APPLICANT: LIU, CHUAN-FA
; APPLICANT: CHEETHAM, JANET C.
; APPLICANT: BOONE, THOMAS CHARLES
; TITLE OF INVENTION: MODIFIED PEPTIDES AS THERAPEUTIC AGENTS
; FILE REFERENCE: A-527
; CURRENT APPLICATION NUMBER: US/10/609,217
; CURRENT FILING DATE: 2003-06-27
; PRIOR APPLICATION NUMBER: US/09/428,082B
; PRIOR FILING DATE: 1999-10-22
; PRIOR APPLICATION NUMBER: 60/105,371
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 1133
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1105
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: BETA2GPI AB BINDING
US-10-609-217-1105

Query Match 49.1%; Score 26; DB 12; Length 9;
Best Local Similarity 83.3%; Pred. No. 9.6e+05;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 RGYKGG 8
| ||||

```
b          4 RVYKGG 9


ESULT 2
S-09-966-264-14
 Sequence 14, Application US/09966264
 Patent No. US20020099015A1
 GENERAL INFORMATION:
  APPLICANT: Barber, Elizabeth K
  TITLE OF INVENTION: Gene Expression Control Element DNA
  FILE REFERENCE: 896034605001
  CURRENT APPLICATION NUMBER: US/09/966,264
  CURRENT FILING DATE:  2001-09-28
  PRIOR APPLICATION NUMBER: US 60/237,079
  PRIOR FILING DATE: 2000-09-30
  NUMBER OF SEQ ID NOS: 33
  SOFTWARE: PatentIn version 3.1
 SEQ ID NO 14
   LENGTH: 9
   TYPE: PRT
   ORGANISM: human
   FEATURE:
   NAME/KEY: MISC_FEATURE
   LOCATION: (1)..(3)
   OTHER INFORMATION: histone methylation site
   NAME/KEY: MISC_FEATURE
   LOCATION: (7)..(9)
   OTHER INFORMATION: histone methylation site
S-09-966-264-14

 Query Match             47.2%;  Score 25;  DB 9;  Length 9;
 Best Local Similarity   66.7%;  Pred. No. 9.6e+05;
 Matches    4;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

y          2 RRGYKG 7
             |: |||
b          1 RKNYKG 6


ESULT 3
S-09-987-456-23
 Sequence 23, Application US/09987456
 Patent No. US20020123057A1
 GENERAL INFORMATION:
  APPLICANT: University of Rochester
  APPLICANT:  Zauderer, Maurice
  APPLICANT:  Ernest S. Smith
  TITLE OF INVENTION: In Vitro Methods Of Producing And Selecting
  TITLE OF INVENTION:  Immunoglobulin Molecules In Eukaryotic Cells
  FILE REFERENCE: 1821.0070004
  CURRENT APPLICATION NUMBER: US/09/987,456
  CURRENT FILING DATE:  2001-11-14
  PRIOR APPLICATION NUMBER: 60/271,424
  PRIOR FILING DATE: 2001-02-27
  PRIOR APPLICATION NUMBER: 60/262,067
  PRIOR FILING DATE: 2001-01-18
  PRIOR APPLICATION NUMBER: 60/298,087
  PRIOR FILING DATE: 2001-06-15
  PRIOR APPLICATION NUMBER: 60/249,268
  PRIOR FILING DATE: 2000-11-17
  NUMBER OF SEQ ID NOS: 147
  SOFTWARE: PatentIn version 3.1
 SEQ ID NO 23
   LENGTH: 9
   TYPE: PRT
   ORGANISM: Artificial Sequence
   FEATURE:
   OTHER INFORMATION: H-2Kd restricted peptide
S-09-987-456-23

 Query Match             45.3%;  Score 24;  DB 9;  Length 9;
 Best Local Similarity   80.0%;  Pred. No. 9.6e+05;
 Matches    4;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy         4 GYKGG 8
             ||| |
Db         1 GYKAG 5


RESULT 4
US-09-809-638-622
; Sequence 622, Application US/09809638
; Publication No. US20030059895A1
; GENERAL INFORMATION:
;  APPLICANT: Mary Faris
;  APPLICANT:  Pia M. Challita-Eid
;  APPLICANT:  Steve Chappell Mitchell
;  APPLICANT:  Daniel E.H. Afar
;  APPLICANT:  Arthur B. Raitano
;  APPLICANT:  Aya Jakobovits
;  TITLE OF INVENTION: 125P5C8:  A TISSUE SPECIFIC PROTEIN
;  TITLE OF INVENTION:  HIGHLY EXPRESSED IN VARIOUS CANCERS
;  FILE REFERENCE: 129.35US01
;  CURRENT APPLICATION NUMBER: US/09/809,638
;  CURRENT FILING DATE:  2001-03-14
;  NUMBER OF SEQ ID NOS: 746
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 622
;   LENGTH: 9
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-809-638-622

  Query Match             45.3%;  Score 24;  DB 10;  Length 9;
  Best Local Similarity   80.0%;  Pred. No. 9.6e+05;
  Matches    4;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy         5 YKGGH 9
             || ||
Db         3 YKEGH 7


RESULT 5
US-09-077-439A-8
; Sequence 8, Application US/09077439A
; Publication No. US20030202989A1
; GENERAL INFORMATION:
;  APPLICANT: Collier, R. John
;  APPLICANT:  Blanke, Steven R.
;  APPLICANT:  Milne, Jill C.
;  APPLICANT:  Benson, Ericka L.
;  APPLICANT:  Ballard, Jimmy D.
;  APPLICANT:  Starnbach, Michael N.
;  TITLE OF INVENTION: Use of Toxin Peptides and/or Affinity
;  TITLE OF INVENTION:  Handles for Delivering Compounds into Cells
;  FILE REFERENCE: 00246/187002
;  CURRENT APPLICATION NUMBER: US/09/077,439A
;  CURRENT FILING DATE:  1999-04-08
;  PRIOR APPLICATION NUMBER: PCT/US96/20463
;  PRIOR FILING DATE: 1996-12-13
;  PRIOR APPLICATION NUMBER: US 60/019,275
;  PRIOR FILING DATE: 1996-06-07
;  PRIOR APPLICATION NUMBER: US 60/008,518
;  PRIOR FILING DATE: 1995-12-13
;  NUMBER OF SEQ ID NOS: 26
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 8
;   LENGTH: 9
;   TYPE: PRT
;   ORGANISM: Listeria monocytogenes
US-09-077-439A-8

  Query Match             45.3%;  Score 24;  DB 11;  Length 9;
  Best Local Similarity   66.7%;  Pred. No. 9.6e+05;
  Matches    4;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;
```

```
y          4 GYKGGH 9
             ||| |:
b          1 GYKDGN 6
```

```
ESULT 6
S-10-061-395-115
 Sequence 115, Application US/10061395
 Publication No. US20020192675A1
 GENERAL INFORMATION:
  APPLICANT: Zauderer, Maurice
  APPLICANT:  Smith, Ernest S.
  TITLE OF INVENTION: Methods of Identifying Regulator Molecules
  FILE REFERENCE: 1821.0080003
  CURRENT APPLICATION NUMBER: US/10/061,395
  CURRENT FILING DATE:  2002-02-04
  PRIOR APPLICATION NUMBER: 60/271,423
  PRIOR FILING DATE: 2001-02-27
  PRIOR APPLICATION NUMBER: 60/265,880
  PRIOR FILING DATE: 2001-02-05
  PRIOR APPLICATION NUMBER: 60/265,589
  PRIOR FILING DATE: 2001-02-02
  NUMBER OF SEQ ID NOS: 116
  SOFTWARE: PatentIn version 3.1
 SEQ ID NO 115
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Artificial Sequence
    FEATURE:
    OTHER INFORMATION: H-2Kd restricted CTL epitope
3-10-061-395-115

 Query Match            45.3%;  Score 24;  DB 13;  Length 9;
 Best Local Similarity   80.0%;  Pred. No. 9.6e+05;
 Matches    4;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

/          4 GYKGG 8
             ||| |
>          1 GYKAG 5
```

```
3SULT 7
3-10-205-150-4
 Sequence 4, Application US/10205150
 Publication No. US20020197269A1
 GENERAL INFORMATION:
  APPLICANT: LINGNAU, KAREN ET AL.
  TITLE OF INVENTION: PHARMACEUTICAL COMPOSITION FOR IMMUNOMODULATION AND PREPARATION
  TITLE OF INVENTION:  OF VACCINES COMPRISING AN ANTIGEN AND AN IMMUNOGENIC OLIGODEOXYN
  TITLE OF INVENTION:  AND A POLYCATIONIC POLYMER AS ADJUVANTS
  FILE REFERENCE: SONN:018US
  CURRENT APPLICATION NUMBER: US/10/205,150
  CURRENT FILING DATE:  2002-07-25
  PRIOR APPLICATION NUMBER: PCT/EP01/00087
  PRIOR FILING DATE: 2001-01-05
  NUMBER OF SEQ ID NOS: 9
  SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 4
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Artificial Sequence
    FEATURE:
    OTHER INFORMATION: Description of Artificial Sequence:  Synthetic
    OTHER INFORMATION: Peptide
3-10-205-150-4

 Query Match            45.3%;  Score 24;  DB 13;  Length 9;
 Best Local Similarity   66.7%;  Pred. No. 9.6e+05;
 Matches    4;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

/          4 GYKGGH 9
             ||| |:
>          1 GYKDGN 6
```

```
RESULT 8
US-10-052-942-77
; Sequence 77, Application US/10052942
; Publication No. US20030104402A1
; GENERAL INFORMATION:
;  APPLICANT: Zauderer, Maurice
;  APPLICANT:  Smith, Ernest
;  APPLICANT:  Wei, Chungwen
;  TITLE OF INVENTION: Methods of Producing or Identifying Intrabodies in Eukaryotic Cell
;  FILE REFERENCE: 1821.0090004
;  CURRENT APPLICATION NUMBER: US/10/052,942
;  CURRENT FILING DATE:  2002-01-23
;  PRIOR APPLICATION NUMBER: 60/298,095
;  PRIOR FILING DATE: 2001-06-15
;  PRIOR APPLICATION NUMBER: 60/271,422
;  PRIOR FILING DATE: 2001-02-27
;  PRIOR APPLICATION NUMBER: 60/263,200
;  PRIOR FILING DATE: 2001-01-24
;  PRIOR APPLICATION NUMBER: 60/263,225
;  PRIOR FILING DATE: 2001-01-23
;  NUMBER OF SEQ ID NOS: 154
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 77
;   LENGTH: 9
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: epitope
US-10-052-942-77

  Query Match            45.3%;  Score 24;  DB 14;  Length 9;
  Best Local Similarity   80.0%;  Pred. No. 9.6e+05;
  Matches    4;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy         4 GYKGG 8
             ||| |
Db         1 GYKAG 5
```

```
RESULT 9
US-10-076-117-9
; Sequence 9, Application US/10076117
; Publication No. US20030113293A1
; GENERAL INFORMATION:
;  APPLICANT: Bermudes, D.
;  APPLICANT:  King, I.
;  APPLICANT:  Clairmont, C.
;  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DELIVERY OF AN AGENT
;  TITLE OF INVENTION:  USING ATTENUATED SALMONELLA CONTAINING PHAGE
;  FILE REFERENCE: 8002-073
;  CURRENT APPLICATION NUMBER: US/10/076,117
;  CURRENT FILING DATE:  2002-02-13
;  PRIOR APPLICATION NUMBER: 09/645,418
;  PRIOR FILING DATE: 2000-08-24
;  PRIOR APPLICATION NUMBER: 60/150,928
;  PRIOR FILING DATE: 1999-08-26
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 9
;   LENGTH: 9
;   TYPE: PRT
;   ORGANISM: L. monocytogenes
US-10-076-117-9

  Query Match            45.3%;  Score 24;  DB 14;  Length 9;
  Best Local Similarity   66.7%;  Pred. No. 9.6e+05;
  Matches    4;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy         4 GYKGGH 9
             ||| |:
Db         1 GYKDGN 6
```

```
ESULT 10
S-10-448-647-3
 Sequence 3, Application US/10448647
 Publication No. US20030228258A1
 GENERAL INFORMATION:
  APPLICANT: Scheinberg, D.
  APPLICANT:  McDevitt, M.
  APPLICANT:  Yuan, R.
  TITLE OF INVENTION: Suicide Tetramers and Uses Thereof
  FILE REFERENCE: D6514
  CURRENT APPLICATION NUMBER: US/10/448,647
  CURRENT FILING DATE:  2003-05-30
  PRIOR APPLICATION NUMBER: US 60/384,581
  PRIOR FILING DATE: 2002-05-30
  NUMBER OF SEQ ID NOS: 10
 SEQ ID NO 3
   LENGTH: 9
   TYPE: PRT
   ORGANISM: Artificial Sequence
   FEATURE:
   NAME/KEY: PEPTIDE
   LOCATION: 91..99
   OTHER INFORMATION: amino acid sequence of antigenic peptide LLO91-99
S-10-448-647-3

 Query Match             45.3%;  Score 24;  DB 15;  Length 9;
 Best Local Similarity   66.7%;  Pred. No. 9.6e+05;
 Matches    4;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

y          4 GYKGGH 9
             ||| |:
b          1 GYKDGN 6


ESULT 11
S-10-357-175-117
 Sequence 117, Application US/10357175
 Publication No. US20030170707A1
 GENERAL INFORMATION:
  APPLICANT: O'Brien, Timothy J.
  TITLE OF INVENTION: Transmembrane Serine Protease Overexpressed
  TITLE OF INVENTION:  in Ovarian Carcinoma and Uses Thereof
  FILE REFERENCE: D6192CIP/D/CIP
  CURRENT APPLICATION NUMBER: US/10/357,175
  CURRENT FILING DATE:  2003-02-03
  PRIOR APPLICATION NUMBER: 09/650,371
  PRIOR FILING DATE: 2000-08-28
  NUMBER OF SEQ ID NOS: 158
 SEQ ID NO 117
   LENGTH: 9
   TYPE: PRT
   ORGANISM: Homo sapiens
   FEATURE:
   LOCATION: 207...215
   OTHER INFORMATION: TADG-12 peptide
S-10-357-175-117

 Query Match             43.4%;  Score 23;  DB 14;  Length 9;
 Best Local Similarity   100.0%;  Pred. No. 9.6e+05;
 Matches    4;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          2 RRGY 5
             ||||
b          5 RRGY 8


ESULT 12
S-10-357-175-123
 Sequence 123, Application US/10357175
 Publication No. US20030170707A1
 GENERAL INFORMATION:
 ;  APPLICANT: O'Brien, Timothy J.
 ;  TITLE OF INVENTION: Transmembrane Serine Protease Overexpressed
 ;  TITLE OF INVENTION:  in Ovarian Carcinoma and Uses Thereof
 ;  FILE REFERENCE: D6192CIP/D/CIP
 ;  CURRENT APPLICATION NUMBER: US/10/357,175
 ;  CURRENT FILING DATE:  2003-02-03
 ;  PRIOR APPLICATION NUMBER: 09/650,371
 ;  PRIOR FILING DATE: 2000-08-28
 ;  NUMBER OF SEQ ID NOS: 158
 ; SEQ ID NO 123
 ;   LENGTH: 9
 ;   TYPE: PRT
 ;   ORGANISM: Homo sapiens
 ;   FEATURE:
 ;   LOCATION: 210...218
 ;   OTHER INFORMATION: TADG-12 peptide
US-10-357-175-123

  Query Match             43.4%;  Score 23;  DB 14;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.6e+05;
  Matches    4;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 RRGY 5
              ||||
Db          2 RRGY 5


RESULT 13
US-10-357-175-130
; Sequence 130, Application US/10357175
; Publication No. US20030170707A1
; GENERAL INFORMATION:
;  APPLICANT: O'Brien, Timothy J.
;  TITLE OF INVENTION: Transmembrane Serine Protease Overexpressed
;  TITLE OF INVENTION:  in Ovarian Carcinoma and Uses Thereof
;  FILE REFERENCE: D6192CIP/D/CIP
;  CURRENT APPLICATION NUMBER: US/10/357,175
;  CURRENT FILING DATE:  2003-02-03
;  PRIOR APPLICATION NUMBER: 09/650,371
;  PRIOR FILING DATE: 2000-08-28
;  NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 130
;   LENGTH: 9
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   LOCATION: 211...219
;   OTHER INFORMATION: TADG-12 peptide
US-10-357-175-130

  Query Match             43.4%;  Score 23;  DB 14;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 9.6e+05;
  Matches    4;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 RRGY 5
              ||||
Db          1 RRGY 4


RESULT 14
US-10-357-175-147
; Sequence 147, Application US/10357175
; Publication No. US20030170707A1
; GENERAL INFORMATION:
;  APPLICANT: O'Brien, Timothy J.
;  TITLE OF INVENTION: Transmembrane Serine Protease Overexpressed
;  TITLE OF INVENTION:  in Ovarian Carcinoma and Uses Thereof
;  FILE REFERENCE: D6192CIP/D/CIP
;  CURRENT APPLICATION NUMBER: US/10/357,175
;  CURRENT FILING DATE:  2003-02-03
;  PRIOR APPLICATION NUMBER: 09/650,371
;  PRIOR FILING DATE: 2000-08-28
;  NUMBER OF SEQ ID NOS: 158
```

SEQ ID NO 147
LENGTH: 9
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
LOCATION: 206...214
OTHER INFORMATION: TADG-12 peptide
S-10-357-175-147

Query Match 43.4%; Score 23; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.6e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRGY 5
||||
Db 6 RRGY 9

ESULT 15
S-10-455-720-117
Sequence 117, Application US/10455720
Publication No. US20030207316A1
GENERAL INFORMATION:
APPLICANT: O'Brien, Timothy J.
APPLICANT: Underwood, Lowell J.
TITLE OF INVENTION: Transmembrane Serine Protease Overexpressed
TITLE OF INVENTION: in Ovarian Carcinoma and Uses Thereof
FILE REFERENCE: D6192CIP/D2
CURRENT APPLICATION NUMBER: US/10/455,720
CURRENT FILING DATE: 2003-06-05
PRIOR APPLICATION NUMBER: 09/650,371
PRIOR FILING DATE: 2000-08-28
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 117
LENGTH: 9
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
LOCATION: 207...215
OTHER INFORMATION: TADG-12 peptide
S-10-455-720-117

Query Match 43.4%; Score 23; DB 15; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.6e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRGY 5
||||
Db 5 RRGY 8

ESULT 16
S-10-455-720-123
Sequence 123, Application US/10455720
Publication No. US20030207316A1
GENERAL INFORMATION:
APPLICANT: O'Brien, Timothy J.
APPLICANT: Underwood, Lowell J.
TITLE OF INVENTION: Transmembrane Serine Protease Overexpressed
TITLE OF INVENTION: in Ovarian Carcinoma and Uses Thereof
FILE REFERENCE: D6192CIP/D2
CURRENT APPLICATION NUMBER: US/10/455,720
CURRENT FILING DATE: 2003-06-05
PRIOR APPLICATION NUMBER: 09/650,371
PRIOR FILING DATE: 2000-08-28
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 123
LENGTH: 9
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
LOCATION: 210...218
OTHER INFORMATION: TADG-12 peptide
US-10-455-720-123

Query Match 43.4%; Score 23; DB 15; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.6e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRGY 5
||||
Db 2 RRGY 5

RESULT 17
US-10-455-720-130
; Sequence 130, Application US/10455720
; Publication No. US20030207316A1
; GENERAL INFORMATION:
; APPLICANT: O'Brien, Timothy J.
; APPLICANT: Underwood, Lowell J.
; TITLE OF INVENTION: Transmembrane Serine Protease Overexpressed
; TITLE OF INVENTION: in Ovarian Carcinoma and Uses Thereof
; FILE REFERENCE: D6192CIP/D2
; CURRENT APPLICATION NUMBER: US/10/455,720
; CURRENT FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: 09/650,371
; PRIOR FILING DATE: 2000-08-28
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 130
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; LOCATION: 211...219
; OTHER INFORMATION: TADG-12 peptide
US-10-455-720-130

Query Match 43.4%; Score 23; DB 15; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.6e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRGY 5
||||
Db 1 RRGY 4

RESULT 18
US-10-455-720-147
; Sequence 147, Application US/10455720
; Publication No. US20030207316A1
; GENERAL INFORMATION:
; APPLICANT: O'Brien, Timothy J.
; APPLICANT: Underwood, Lowell J.
; TITLE OF INVENTION: Transmembrane Serine Protease Overexpressed
; TITLE OF INVENTION: in Ovarian Carcinoma and Uses Thereof
; FILE REFERENCE: D6192CIP/D2
; CURRENT APPLICATION NUMBER: US/10/455,720
; CURRENT FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: 09/650,371
; PRIOR FILING DATE: 2000-08-28
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 147
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; LOCATION: 206...214
; OTHER INFORMATION: TADG-12 peptide
US-10-455-720-147

Query Match 43.4%; Score 23; DB 15; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.6e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRGY 5

```
                ||||
Db          6 RRGY 9


RESULT 19
US-09-988-019-8
  Sequence 8, Application US/09988019
  Patent No. US20020102277A1
    GENERAL INFORMATION:
         APPLICANT: SOKOL, Pamela A.
                    KOOI, Cora D.
         TITLE OF INVENTION: CONSERVED METALLOPROTEASE EPITOPES
         NUMBER OF SEQUENCES: 29
         CORRESPONDENCE ADDRESS:
              ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, LLP
              STREET: P.O. Box 1404
              CITY: Alexandria
              STATE: Virginia
              COUNTRY: USA
              ZIP: 22313-1404
         COMPUTER READABLE FORM:
              MEDIUM TYPE: Floppy disk
              COMPUTER: IBM PC compatible
              OPERATING SYSTEM: PC-DOS/MS-DOS
              SOFTWARE: PatentIn Release #1.0, Version #1.30
         CURRENT APPLICATION DATA:
              APPLICATION NUMBER: US/09/988,019
              FILING DATE: 16-No. US20020102277A1-2001
              CLASSIFICATION: <Unknown>
         PRIOR APPLICATION DATA:
              APPLICATION NUMBER: US 08/772,282
              FILING DATE: 20-DEC-1996
         ATTORNEY/AGENT INFORMATION:
              NAME: STANEK REA, Teresa
              REGISTRATION NUMBER: 30,427
              REFERENCE/DOCKET NUMBER: 024916-005
         TELECOMMUNICATION INFORMATION:
              TELEPHONE: (703) 836-6620
              TELEFAX: (703) 836-2021
     INFORMATION FOR SEQ ID NO: 8:
         SEQUENCE CHARACTERISTICS:
              LENGTH: 9 amino acids
              TYPE: amino acid
              STRANDEDNESS: single
              TOPOLOGY: linear
         MOLECULE TYPE: peptide
         SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-988-019-8

  Query Match             41.5%;  Score 22;  DB 9;  Length 9;
  Best Local Similarity   66.7%;  Pred. No. 9.6e+05;
  Matches    4;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          3 RGYKGG 8
              ||  ||
Db          3 RGQSGG 8


RESULT 20
US-09-988-019-9
; Sequence 9, Application US/09988019
; Patent No. US20020102277A1
;   GENERAL INFORMATION:
;        APPLICANT: SOKOL, Pamela A.
;                   KOOI, Cora D.
;        TITLE OF INVENTION: CONSERVED METALLOPROTEASE EPITOPES
;        NUMBER OF SEQUENCES: 29
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, LLP
;             STREET: P.O. Box 1404
;             CITY: Alexandria
;             STATE: Virginia
;             COUNTRY: USA
;             ZIP: 22313-1404
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: PatentIn Release #1.0, Version #1.30
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/09/988,019
;             FILING DATE: 16-No. US20020102277A1-2001
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US 08/772,282
;             FILING DATE: 20-DEC-1996
;        ATTORNEY/AGENT INFORMATION:
;             NAME: STANEK REA, Teresa
;             REGISTRATION NUMBER: 30,427
;             REFERENCE/DOCKET NUMBER: 024916-005
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: (703) 836-6620
;             TELEFAX: (703) 836-2021
;   INFORMATION FOR SEQ ID NO: 9:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 9 amino acids
;             TYPE: amino acid
;             STRANDEDNESS: single
;             TOPOLOGY: linear
;        MOLECULE TYPE: peptide
;        SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-988-019-9

  Query Match             41.5%;  Score 22;  DB 9;  Length 9;
  Best Local Similarity   66.7%;  Pred. No. 9.6e+05;
  Matches    4;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          3 RGYKGG 8
              ||  ||
Db          1 RGQSGG 6


RESULT 21
US-09-908-100-2
; Sequence 2, Application US/09908100
; Publication No. US20030165842A1
; GENERAL INFORMATION:
;  APPLICANT: Ng, Jocelyn
;  APPLICANT:  Jay, Daniel G.
;  APPLICANT:  Ge, Liming
;  APPLICANT:  Ilag, Leodevico L.
;  TITLE OF INVENTION: Method for Identifying Biological
;  TITLE OF INVENTION:  Binding Molecules and Apparatus for Carrying Out the Method
;  FILE REFERENCE: 50125/006002
;  CURRENT APPLICATION NUMBER: US/09/908,100
;  CURRENT FILING DATE:  2001-07-18
;  PRIOR APPLICATION NUMBER: US 09/444,959
;  PRIOR FILING DATE: 1999-11-22
;  PRIOR APPLICATION NUMBER: 19854195.3
;  PRIOR FILING DATE: 1998-11-24
;  NUMBER OF SEQ ID NOS: 2
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
;   LENGTH: 9
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Synthetic peptide
US-09-908-100-2

  Query Match             41.5%;  Score 22;  DB 10;  Length 9;
  Best Local Similarity   66.7%;  Pred. No. 9.6e+05;
  Matches    4;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          3 RGYKGG 8
              :| |||
```

```
o          2 KGGKGG 7


ESULT 22
S-10-357-175-125
 Sequence 125, Application US/10357175
 Publication No. US20030170707A1
 GENERAL INFORMATION:
  APPLICANT: O'Brien, Timothy J.
  TITLE OF INVENTION: Transmembrane Serine Protease Overexpressed
  TITLE OF INVENTION:  in Ovarian Carcinoma and Uses Thereof
  FILE REFERENCE: D6192CIP/D/CIP
  CURRENT APPLICATION NUMBER: US/10/357,175
  CURRENT FILING DATE:  2003-02-03
  PRIOR APPLICATION NUMBER: 09/650,371
  PRIOR FILING DATE: 2000-08-28
  NUMBER OF SEQ ID NOS: 158
 SEQ ID NO 125
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Homo sapiens
    FEATURE:
    LOCATION: 191...199
    OTHER INFORMATION: TADG-12 peptide
S-10-357-175-125

 Query Match             41.5%;  Score 22;  DB 14;  Length 9;
 Best Local Similarity   50.0%;  Pred. No. 9.6e+05;
 Matches    4;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

y          2 RRGYKGGH 9
             | |   ||
b          2 REGCASGH 9


ESULT 23
S-10-357-175-143
 Sequence 143, Application US/10357175
 Publication No. US20030170707A1
 GENERAL INFORMATION:
  APPLICANT: O'Brien, Timothy J.
  TITLE OF INVENTION: Transmembrane Serine Protease Overexpressed
  TITLE OF INVENTION:  in Ovarian Carcinoma and Uses Thereof
  FILE REFERENCE: D6192CIP/D/CIP
  CURRENT APPLICATION NUMBER: US/10/357,175
  CURRENT FILING DATE:  2003-02-03
  PRIOR APPLICATION NUMBER: 09/650,371
  PRIOR FILING DATE: 2000-08-28
  NUMBER OF SEQ ID NOS: 158
 SEQ ID NO 143
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Homo sapiens
    FEATURE:
    LOCATION: 192...200
    OTHER INFORMATION: TADG-12 peptide
S-10-357-175-143

 Query Match             41.5%;  Score 22;  DB 14;  Length 9;
 Best Local Similarity   50.0%;  Pred. No. 9.6e+05;
 Matches    4;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

y          2 RRGYKGGH 9
             | |   ||
b          1 REGCASGH 8


ESULT 24
S-10-277-292-228
 Sequence 228, Application US/10277292
 Publication No. US20030199470A1
 GENERAL INFORMATION:
  APPLICANT: FARIS, MARY
;  APPLICANT:  HUBERT, RENE
;  APPLICANT:  RAITANO, ARTHUR
;  APPLICANT:  AFAR, DANIEL
;  APPLICANT:  LEVIN, ELANA
;  APPLICANT:  CHALLITA-EID, PIA
;  APPLICANT:  JAKOBOVITZ, AYA
;  TITLE OF INVENTION: NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 158P1D7
;  TITLE OF INVENTION:  USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND
;  TITLE OF INVENTION:  OTHER CANCERS
;  FILE REFERENCE: 51158-20050.00
;  CURRENT APPLICATION NUMBER: US/10/277,292
;  CURRENT FILING DATE:  2002-10-21
;  PRIOR APPLICATION NUMBER: US/09/935,430
;  PRIOR FILING DATE: 2001-08-22
;  PRIOR APPLICATION NUMBER: 60/227,098
;  PRIOR FILING DATE: 2000-08-22
;  PRIOR APPLICATION NUMBER: 60/282,739
;  PRIOR FILING DATE: 2001-04-10
;  NUMBER OF SEQ ID NOS: 700
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 228
;    LENGTH: 9
;    TYPE: PRT
;    ORGANISM: Artificial Sequence
;    FEATURE:
;    OTHER INFORMATION: Description of Artificial Sequence: Peptide motif
US-10-277-292-228

  Query Match             41.5%;  Score 22;  DB 14;  Length 9;
  Best Local Similarity   66.7%;  Pred. No. 9.6e+05;
  Matches    4;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy         1 KRRGYK 6
             :|| ||
Db         4 RRRRYK 9


RESULT 25
US-10-455-720-125
; Sequence 125, Application US/10455720
; Publication No. US20030207316A1
; GENERAL INFORMATION:
;  APPLICANT: O'Brien, Timothy J.
;  APPLICANT:  Underwood, Lowell J.
;  TITLE OF INVENTION: Transmembrane Serine Protease Overexpressed
;  TITLE OF INVENTION:  in Ovarian Carcinoma and Uses Thereof
;  FILE REFERENCE: D6192CIP/D2
;  CURRENT APPLICATION NUMBER: US/10/455,720
;  CURRENT FILING DATE:  2003-06-05
;  PRIOR APPLICATION NUMBER: 09/650,371
;  PRIOR FILING DATE: 2000-08-28
;  NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 125
;    LENGTH: 9
;    TYPE: PRT
;    ORGANISM: Homo sapiens
;    FEATURE:
;    LOCATION: 191...199
;    OTHER INFORMATION: TADG-12 peptide
US-10-455-720-125

  Query Match             41.5%;  Score 22;  DB 15;  Length 9;
  Best Local Similarity   50.0%;  Pred. No. 9.6e+05;
  Matches    4;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy         2 RRGYKGGH 9
             | |   ||
Db         2 REGCASGH 9


RESULT 26
US-10-455-720-143
; Sequence 143, Application US/10455720
```

Publication No. US20030207316A1
GENERAL INFORMATION:
APPLICANT: O'Brien, Timothy J.
APPLICANT: Underwood, Lowell J.
TITLE OF INVENTION: Transmembrane Serine Protease Overexpressed
TITLE OF INVENTION: in Ovarian Carcinoma and Uses Thereof
FILE REFERENCE: D6192CIP/D2
CURRENT APPLICATION NUMBER: US/10/455,720
CURRENT FILING DATE: 2003-06-05
PRIOR APPLICATION NUMBER: 09/650,371
PRIOR FILING DATE: 2000-08-28
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 143
LENGTH: 9
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
LOCATION: 192...200
OTHER INFORMATION: TADG-12 peptide
US-10-455-720-143

Query Match 41.5%; Score 22; DB 15; Length 9;
Best Local Similarity 50.0%; Pred. No. 9.6e+05;
Matches 4; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 RRGYKGGH 9
Db 1 REGCASGH 8

RESULT 27
US-10-280-340-228
; Sequence 228, Application US/10280340
; Publication No. US20030207835A1
; GENERAL INFORMATION:
; APPLICANT: FARIS, MARY
; APPLICANT: HUBERT, RENE
; APPLICANT: RAITANO, ARTHUR
; APPLICANT: AFAR, DANIEL
; APPLICANT: LEVIN, ELANA
; APPLICANT: CHALLITA-EID, PIA
; APPLICANT: JAKOBOVITZ, AYA
; TITLE OF INVENTION: NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 158P1D7
; TITLE OF INVENTION: USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND
; TITLE OF INVENTION: OTHER CANCERS
; FILE REFERENCE: 51158-20050.00
; CURRENT APPLICATION NUMBER: US/10/280,340
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US/09/935,430
; PRIOR FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: 60/227,098
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/282,739
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 700
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 228
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Peptide motif
US-10-280-340-228

Query Match 41.5%; Score 22; DB 15; Length 9;
Best Local Similarity 66.7%; Pred. No. 9.6e+05;
Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 KRRGYK 6
Db 4 RRRRYK 9

RESULT 28
US-10-245-871-828
; Sequence 828, Application US/10245871
; Publication No. US20030235594A1
; GENERAL INFORMATION:
; APPLICANT: HUMPHREYS, ROBERT
; APPLICANT: XU, MINZHEN
; TITLE OF INVENTION: Ii-KEY/ANTIGENIC EPITOPE HYBRID PEPTIDE VACCINES
; FILE REFERENCE: REH-2013
; CURRENT APPLICATION NUMBER: US/10/245,871
; CURRENT FILING DATE: 2003-01-09
; PRIOR APPLICATION NUMBER: 10/197,000
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: 09/396,813
; PRIOR FILING DATE: 1999-09-14
; NUMBER OF SEQ ID NOS: 905
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 828
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-245-871-828

Query Match 41.5%; Score 22; DB 15; Length 9;
Best Local Similarity 60.0%; Pred. No. 9.6e+05;
Matches 3; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RGYKG 7
Db 2 KGFKG 6

RESULT 29
US-09-834-765-159
; Sequence 159, Application US/09834765
; Patent No. US20020055478A1
; GENERAL INFORMATION:
; APPLICANT: Mary Faris
; APPLICANT: Pia M. Challita-Eid
; APPLICANT: Arthur B. Raitano
; APPLICANT: Steve Chappell Mitchell
; APPLICANT: Daniel E.H. Afar
; APPLICANT: Aya Jakobovits
; TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
; TITLE OF INVENTION: AND DETECTION OF CANCER
; FILE REFERENCE: 129.6USU1
; CURRENT APPLICATION NUMBER: US/09/834,765
; CURRENT FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/197,647
; PRIOR FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 770
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 159
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-834-765-159

Query Match 39.6%; Score 21; DB 9; Length 9;
Best Local Similarity 42.9%; Pred. No. 9.6e+05;
Matches 3; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 3 RGYKGGH 9
Db 1 RGFQRSH 7

RESULT 30
US-09-243-079-7
; Sequence 7, Application US/09243079
; Patent No. US20020081566A1
; GENERAL INFORMATION:
; APPLICANT: Beretta, Alberto

```
  TITLE OF INVENTION:  HIV PROTEIN EPITOPES IMMUNOLOGICALLY
  TITLE OF INVENTION:  HOMOLOGOUS TO HLA
  FILE REFERENCE:  29928-PCT-USA-I
  CURRENT APPLICATION NUMBER: US/09/243,079
  CURRENT FILING DATE:  1999-02-02
  PRIOR APPLICATION NUMBER:  08/335,733
  PRIOR FILING DATE:  1994-11-10
  PRIOR APPLICATION NUMBER:  PCT/IT93/00049
  PRIOR FILING DATE:  1993-05-10
  PRIOR APPLICATION NUMBER:  RM92A/000350
  PRIOR FILING DATE:  1992-05-11
  NUMBER OF SEQ ID NOS:  89
  SOFTWARE:  FastSEQ for Windows Version 3.0
 SEQ ID NO 7
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Homo sapiens
S-09-243-079-7

 Query Match             39.6%;  Score 21;  DB 9;  Length 9;
 Best Local Similarity   80.0%;  Pred. No. 9.6e+05;
 Matches    4;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 KRRGY 5
              | |||
Db          4 KLRGY 8


ESULT 31
S-09-779-308-611
 Sequence 611, Application US/09779308
 Patent No. US20020150972A1
 GENERAL INFORMATION:
  APPLICANT: Mary Faris
  APPLICANT:  Daniel E.H. Afar
  APPLICANT:  Pia M. Challita-Eid
  APPLICANT:  Rene S. Hubert
  APPLICANT:  Elana Levin
  APPLICANT:  Steve Chappell Mitchell
  APPLICANT:  Aya Jakobovits
  TITLE OF INVENTION: 34P3D7:  A TISSUE SPECIFIC PROTEIN
  TITLE OF INVENTION:  HIGHLY EXPRESSED IN PROSTATE CANCER
  FILE REFERENCE: 129.4USU1
  CURRENT APPLICATION NUMBER: US/09/779,308
  CURRENT FILING DATE:  2001-02-08
  PRIOR APPLICATION NUMBER: 60/181,020
  PRIOR FILING DATE: 2000-02-08
  NUMBER OF SEQ ID NOS: 718
  SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 611
    LENGTH: 9
    TYPE: PRT
    ORGANISM: Homo Sapiens
S-09-779-308-611

 Query Match             39.6%;  Score 21;  DB 9;  Length 9;
 Best Local Similarity   100.0%;  Pred. No. 9.6e+05;
 Matches    4;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 KRRG 4
              ||||
Db          3 KRRG 6


ESULT 32
S-10-283-618-9
 Sequence 9, Application US/10283618
 Publication No. US20030165517A1
 GENERAL INFORMATION:
  APPLICANT: Nicolette, Charles A.
  APPLICANT:  Walker, Bruce
  TITLE OF INVENTION: THERAPEUTIC ANTI-HIV (vpr) COMPOUNDS
  FILE REFERENCE: GZ 2111.00
;  CURRENT APPLICATION NUMBER: US/10/283,618
;  CURRENT FILING DATE:  2002-10-29
;  PRIOR APPLICATION NUMBER: 60/345,957
;  PRIOR FILING DATE: 2001-10-29
;  NUMBER OF SEQ ID NOS: 15
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 9
;   LENGTH: 9
;   TYPE: PRT
;   ORGANISM: Human Immunodeficiency Virus
US-10-283-618-9

  Query Match             39.6%;  Score 21;  DB 14;  Length 9;
  Best Local Similarity   60.0%;  Pred. No. 9.6e+05;
  Matches    3;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          5 YKGGH 9
              : |||
Db          1 FLGGH 5


RESULT 33
US-10-031-874A-129
; Sequence 129, Application US/10031874A
; Publication No. US20030190598A1
; GENERAL INFORMATION:
;  APPLICANT: TANHA, JAMSHID
;  APPLICANT:  DUBUC, GINETTE
;  APPLICANT:  NARANG, SARAN
;  TITLE OF INVENTION: SINGLE-DOMAIN ANTIGEN-BINDING ANTIBODY FRAGMENTS
;  TITLE OF INVENTION:  DERIVED FROM LLAMA ANTIBODIES
;  FILE REFERENCE: 11054-1
;  CURRENT APPLICATION NUMBER: US/10/031,874A
;  CURRENT FILING DATE:  2002-11-14
;  PRIOR APPLICATION NUMBER: 60/207,234
;  PRIOR FILING DATE: 2000-05-26
;  NUMBER OF SEQ ID NOS: 212
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 129
;   LENGTH: 9
;   TYPE: PRT
;   ORGANISM: Lama glama
US-10-031-874A-129

  Query Match             39.6%;  Score 21;  DB 14;  Length 9;
  Best Local Similarity   42.9%;  Pred. No. 9.6e+05;
  Matches    3;  Conservative    2;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          3 RGYKGGH 9
              :|| | :
Db          1 QGYAGSY 7


RESULT 34
US-08-344-824-142
; Sequence 142, Application US/08344824
; Publication No. US20030152580A1
;  GENERAL INFORMATION:
;    APPLICANT:  SETTE, Alessandro
;    APPLICANT:  SIDNEY, John
;    TITLE OF INVENTION:  HLA BINDING PEPTIDES AND THEIR USES
;    NUMBER OF SEQUENCES:  399
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  One Market Plaza, Steuart Street Tower, 20th
;      STREET:  Floor
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94105
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
```

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/344,824
FILING DATE: 23-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/278,634
FILING DATE: 21-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 14137-80-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 142:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
S-08-344-824-142

Query Match 37.7%; Score 20; DB 8; Length 9;
Best Local Similarity 80.0%; Pred. No. 9.6e+05;
Matches 4; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
y          2 RRGYK 6
             || ||
b          4 RRPYK 8
```

ESULT 35
S-08-344-824-286
Sequence 286, Application US/08344824
Publication No. US20030152580A1
GENERAL INFORMATION:
APPLICANT: SETTE, Alessandro
APPLICANT: SIDNEY, John
TITLE OF INVENTION: HLA BINDING PEPTIDES AND THEIR USES
NUMBER OF SEQUENCES: 399
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Crew
STREET: One Market Plaza, Steuart Street Tower, 20th
STREET: Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/344,824
FILING DATE: 23-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/278,634
FILING DATE: 21-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 14137-80-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 286:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-344-824-286

Query Match 37.7%; Score 20; DB 8; Length 9;
Best Local Similarity 60.0%; Pred. No. 9.6e+05;
Matches 3; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

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Qy         3 RGYKG 7
             :|:||
Db         3 QGWKG 7
```

Search completed: March 18, 2004, 07:52:15
Job time : 33.5 secs

GenCore version 5.1.6

1 protein - protein search, using sw model

Run on: March 18, 2004, 07:48:28 ; Search time 37 Seconds
(without alignments)
76.987 Million cell updates/sec

Title: US-09-673-274B-42
Perfect score: 16
Sequence: 1 XXXXXXXXXGX 11

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 8297

Minimum DB seq length: 11
Maximum DB seq length: 11

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 50 summaries

Database : Published_Applications_AA:*
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3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
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16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	6	37.5	11	8	US-08-801-405B-6	Sequence 6, Appli
2	6	37.5	11	8	US-08-450-842-46	Sequence 46, Appl
3	6	37.5	11	8	US-08-871-076-7	Sequence 7, Appli
4	6	37.5	11	8	US-08-891-525-2	Sequence 2, Appli
5	6	37.5	11	8	US-08-424-550B-192	Sequence 192, App
6	6	37.5	11	8	US-08-424-550B-223	Sequence 223, App
7	6	37.5	11	8	US-08-424-550B-259	Sequence 259, App
8	6	37.5	11	8	US-08-424-550B-402	Sequence 402, App
9	6	37.5	11	8	US-08-424-550B-521	Sequence 521, App
10	6	37.5	11	8	US-08-424-550B-523	Sequence 523, App
11	6	37.5	11	8	US-08-424-550B-550	Sequence 550, App
12	6	37.5	11	8	US-08-809-423A-5	Sequence 5, Appli
13	6	37.5	11	8	US-08-982-965-4	Sequence 4, Appli
14	6	37.5	11	8	US-08-954-701A-11	Sequence 11, Appl
15	6	37.5	11	8	US-08-817-832B-10	Sequence 10, Appl
16	6	37.5	11	8	US-08-817-832B-12	Sequence 12, Appl
17	6	37.5	11	8	US-08-817-832B-30	Sequence 30, Appl
18	6	37.5	11	8	US-08-811-519A-10	Sequence 10, Appl
19	6	37.5	11	8	US-08-765-837-15	Sequence 15, Appl
20	6	37.5	11	8	US-08-344-824-44	Sequence 44, Appl
21	6	37.5	11	8	US-08-996-140-10	Sequence 10, Appl
22	6	37.5	11	8	US-08-996-140-16	Sequence 16, Appl
23	6	37.5	11	8	US-08-736-019-13	Sequence 13, Appl
24	6	37.5	11	8	US-08-736-019-23	Sequence 23, Appl
25	6	37.5	11	8	US-08-736-019-166	Sequence 166, App
26	6	37.5	11	9	US-09-759-960-28	Sequence 28, Appl
27	6	37.5	11	9	US-09-759-960-31	Sequence 31, Appl
28	6	37.5	11	9	US-09-759-960-33	Sequence 33, Appl
29	6	37.5	11	9	US-09-222-179-1	Sequence 1, Appli
30	6	37.5	11	9	US-09-045-620-1	Sequence 1, Appli
31	6	37.5	11	9	US-09-113-924-21	Sequence 21, Appl
32	6	37.5	11	9	US-09-113-924-22	Sequence 22, Appl
33	6	37.5	11	9	US-09-341-643-1	Sequence 1, Appli
34	6	37.5	11	9	US-09-739-907-108	Sequence 108, App
35	6	37.5	11	9	US-09-739-852-2	Sequence 2, Appli
36	6	37.5	11	9	US-09-756-594-5	Sequence 5, Appli
37	6	37.5	11	9	US-09-756-594-8	Sequence 8, Appli
38	6	37.5	11	9	US-09-809-657-1	Sequence 1, Appli
39	6	37.5	11	9	US-09-051-755-27	Sequence 27, Appl
40	6	37.5	11	9	US-09-778-231-6	Sequence 6, Appli
41	6	37.5	11	9	US-09-760-541-1	Sequence 1, Appli
42	6	37.5	11	9	US-09-726-624-8	Sequence 8, Appli
43	6	37.5	11	9	US-09-826-210-4	Sequence 4, Appli
44	6	37.5	11	9	US-09-729-402-3	Sequence 3, Appli
45	6	37.5	11	9	US-09-770-621-37	Sequence 37, Appl
46	6	37.5	11	9	US-09-770-621-38	Sequence 38, Appl
47	6	37.5	11	9	US-09-802-077-14	Sequence 14, Appl
48	6	37.5	11	9	US-09-802-077-15	Sequence 15, Appl
49	6	37.5	11	9	US-09-802-077-33	Sequence 33, Appl
50	6	37.5	11	9	US-09-802-077-34	Sequence 34, Appl

ALIGNMENTS

RESULT 1
US-08-801-405B-6
; Sequence 6, Application US/08801405B
; Publication No. US20020019008A1
; GENERAL INFORMATION:
; APPLICANT: ROUGEOT, Catherine
; ROUGEON, Francois
; TITLE OF INVENTION: THERAPEUTIC USE OF THE SMR1 PROTEIN, THE
; SMR1 MATURATION PRODUCTS, SPECIFICALLY THE QHNPR
; PENTAPEPTIDE AS WELL AS ITS BIOLOGICALLY ACTIVE
; DERIVATIVES
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/801,405B
; FILING DATE: 20-Feb-1997
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Dadio, Susan M.
; REGISTRATION NUMBER: 40,373
; REFERENCE/DOCKET NUMBER: 012880-003
; TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
S-08-801-405B-6

Query Match 37.5%; Score 6; DB 8; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 10 G 10
|
b 3 G 3

ESULT 2
S-08-450-842-46
Sequence 46, Application US/08450842
Publication No. US20020045576A1
GENERAL INFORMATION:
APPLICANT: GENENTECH, INC.
APPLICANT: ROSENTHAL, ARNON
TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR
NUMBER OF SEQUENCES: 100
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/450,842
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/426419
FILING DATE: 19-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/030013
FILING DATE: 22-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/648482
FILING DATE: 31-JAN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/587707
FILING DATE: 1991
ATTORNEY/AGENT INFORMATION:
NAME: Torchia, Timothy E.
REGISTRATION NUMBER: 36,700
REFERENCE/DOCKET NUMBER: 666P2C1D3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-8674
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 amino acids
TYPE: amino acid
TOPOLOGY: linear
S-08-450-842-46

Query Match 37.5%; Score 6; DB 8; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 10 G 10
|
Db 6 G 6

RESULT 3
US-08-871-076-7
; Sequence 7, Application US/08871076
; Publication No. US20020076791A1
; GENERAL INFORMATION:
; APPLICANT: Warner, Thomas G.
; APPLICANT: Sliwkowski, Mary B.
; TITLE OF INVENTION: Sialidase and Recombinant Cell Lines
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/871,076
; FILING DATE: 09-JUN-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/711,374
; FILING DATE:
; APPLICATION NUMBER: US/08/536,013
; FILING DATE: 29-SEP-1995
; APPLICATION NUMBER: US/08/383,551
; FILING DATE:
; APPLICATION NUMBER: US 08/062,586
; FILING DATE: 17-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Walter H.
; REGISTRATION NUMBER: 24,190
; REFERENCE/DOCKET NUMBER: A58265/WHD
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-871-076-7

Query Match 37.5%; Score 6; DB 8; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 10 G 10
|
Db 2 G 2

RESULT 4
US-08-891-525-2
; Sequence 2, Application US/08891525
; Publication No. US20020081643A1

GENERAL INFORMATION:
APPLICANT: Wang, Xiaodong
APPLICANT: Liu, Xuesong
TITLE OF INVENTION: Regulation of Apoptosis and In Vitro
TITLE OF INVENTION: Model for Studies Thereof
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle, Suite 201
CITY: Boulder
STATE: Colorado
COUNTRY: US
ZIP: 80303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/891,525
FILING DATE: 11-JUL-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/021,268
FILING DATE: 12-JUL-1996
ATTORNEY/AGENT INFORMATION:
NAME: Ferber, Donna M.
REGISTRATION NUMBER: 33,878
REFERENCE/DOCKET NUMBER: 45-96
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 499-8080
TELEFAX: (303) 499-8089
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: internal
S-08-891-525-2

Query Match 37.5%; Score 6; DB 8; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 10 G 10
|
b 2 G 2

ESULT 5
S-08-424-550B-192
Sequence 192, Application US/08424550B
Publication No. US20020119447A1
GENERAL INFORMATION:
APPLICANT: JOHN N. SIMONS
APPLICANT: TAMI J. PILOT-MATIAS
APPLICANT: GEORGE J. DAWSON
APPLICANT: GEORGE G. SCHLAUDER
APPLICANT: SURESH M. DESAI
APPLICANT: THOMAS P. LEARY
APPLICANT: ANTHONY SCOTT MUERHOFF
APPLICANT: JAMES C. ERKER
APPLICANT: SHERI L. BUIJK
APPLICANT: ISA K. MUSHAHWAR
TITLE OF INVENTION: NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE
NUMBER OF SEQUENCES: 716
CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
STREET: 100 ABBOTT PARK ROAD
; CITY: ABBOTT PARK
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/424,550B
; FILING DATE:
; CLASSIFICATION: 435435
; ATTORNEY/AGENT INFORMATION:
; NAME: POREMBSKI, PRISCILLA E.
; REGISTRATION NUMBER: 33,207
; REFERENCE/DOCKET NUMBER: 5527.PC.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708-937-6365
; TELEFAX: 708-938-2623
; INFORMATION FOR SEQ ID NO: 192:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-424-550B-192

Query Match 37.5%; Score 6; DB 8; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 10 G 10
|
Db 3 G 3

RESULT 6
US-08-424-550B-223
; Sequence 223, Application US/08424550B
; Publication No. US20020119447A1
; GENERAL INFORMATION:
; APPLICANT: JOHN N. SIMONS
; APPLICANT: TAMI J. PILOT-MATIAS
; APPLICANT: GEORGE J. DAWSON
; APPLICANT: GEORGE G. SCHLAUDER
; APPLICANT: SURESH M. DESAI
; APPLICANT: THOMAS P. LEARY
; APPLICANT: ANTHONY SCOTT MUERHOFF
; APPLICANT: JAMES C. ERKER
; APPLICANT: SHERI L. BUIJK
; APPLICANT: ISA K. MUSHAHWAR
; TITLE OF INVENTION: NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
; TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 716
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
; STREET: 100 ABBOTT PARK ROAD
; CITY: ABBOTT PARK
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/424,550B
; FILING DATE:
; CLASSIFICATION: 435435
; ATTORNEY/AGENT INFORMATION:
; NAME: POREMBSKI, PRISCILLA E.

```
      REGISTRATION NUMBER:  33,207
      REFERENCE/DOCKET NUMBER:  5527.PC.01
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  708-937-6365
      TELEFAX:  708-938-2623
  INFORMATION FOR SEQ ID NO:  223:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  11 amino acids
      TYPE:  amino acid
      TOPOLOGY:  linear
    MOLECULE TYPE:  protein
US-08-424-550B-223

  Query Match           37.5%;  Score 6;  DB 8;  Length 11;
  Best Local Similarity  100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 G 10
             |
Db          3 G 3


RESULT 7
US-08-424-550B-259
; Sequence 259, Application US/08424550B
; Publication No. US20020119447A1
; GENERAL INFORMATION:
;   APPLICANT:  JOHN N. SIMONS
;   APPLICANT:  TAMI J. PILOT-MATIAS
;   APPLICANT:  GEORGE J. DAWSON
;   APPLICANT:  GEORGE G. SCHLAUDER
;   APPLICANT:  SURESH M. DESAI
;   APPLICANT:  THOMAS P. LEARY
;   APPLICANT:  ANTHONY SCOTT MUERHOFF
;   APPLICANT:  JAMES C. ERKER
;   APPLICANT:  SHERI L. BUIJK
;   APPLICANT:  ISA K. MUSHAHWAR
;   TITLE OF INVENTION:  NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
;   TITLE OF INVENTION:  REAGENTS AND METHODS FOR THEIR USE
;   NUMBER OF SEQUENCES:  716
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  ABBOTT LABORATORIES  D377/AP6D
;     STREET:  100 ABBOTT PARK ROAD
;     CITY:  ABBOTT PARK
;     STATE:  IL
;     COUNTRY:  USA
;     ZIP:  60064-3500
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE:  Floppy disk
;     COMPUTER:  IBM PC compatible
;     OPERATING SYSTEM:  PC-DOS/MS-DOS
;     SOFTWARE:  PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER:  US/08/424,550B
;     FILING DATE:
;     CLASSIFICATION:  435435
;   ATTORNEY/AGENT INFORMATION:
;     NAME:  POREMBSKI, PRISCILLA E.
;     REGISTRATION NUMBER:  33,207
;     REFERENCE/DOCKET NUMBER:  5527.PC.01
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:  708-937-6365
;     TELEFAX:  708-938-2623
; INFORMATION FOR SEQ ID NO:  259:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH:  11 amino acids
;     TYPE:  amino acid
;     TOPOLOGY:  linear
;   MOLECULE TYPE:  protein
US-08-424-550B-259

  Query Match           37.5%;  Score 6;  DB 8;  Length 11;
  Best Local Similarity  100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 G 10
             |
Db          4 G 4


RESULT 8
US-08-424-550B-402
; Sequence 402, Application US/08424550B
; Publication No. US20020119447A1
; GENERAL INFORMATION:
;   APPLICANT:  JOHN N. SIMONS
;   APPLICANT:  TAMI J. PILOT-MATIAS
;   APPLICANT:  GEORGE J. DAWSON
;   APPLICANT:  GEORGE G. SCHLAUDER
;   APPLICANT:  SURESH M. DESAI
;   APPLICANT:  THOMAS P. LEARY
;   APPLICANT:  ANTHONY SCOTT MUERHOFF
;   APPLICANT:  JAMES C. ERKER
;   APPLICANT:  SHERI L. BUIJK
;   APPLICANT:  ISA K. MUSHAHWAR
;   TITLE OF INVENTION:  NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
;   TITLE OF INVENTION:  REAGENTS AND METHODS FOR THEIR USE
;   NUMBER OF SEQUENCES:  716
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  ABBOTT LABORATORIES  D377/AP6D
;     STREET:  100 ABBOTT PARK ROAD
;     CITY:  ABBOTT PARK
;     STATE:  IL
;     COUNTRY:  USA
;     ZIP:  60064-3500
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE:  Floppy disk
;     COMPUTER:  IBM PC compatible
;     OPERATING SYSTEM:  PC-DOS/MS-DOS
;     SOFTWARE:  PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER:  US/08/424,550B
;     FILING DATE:
;     CLASSIFICATION:  435435
;   ATTORNEY/AGENT INFORMATION:
;     NAME:  POREMBSKI, PRISCILLA E.
;     REGISTRATION NUMBER:  33,207
;     REFERENCE/DOCKET NUMBER:  5527.PC.01
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:  708-937-6365
;     TELEFAX:  708-938-2623
; INFORMATION FOR SEQ ID NO:  402:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH:  11 amino acids
;     TYPE:  amino acid
;     TOPOLOGY:  linear
;   MOLECULE TYPE:  protein
US-08-424-550B-402

  Query Match           37.5%;  Score 6;  DB 8;  Length 11;
  Best Local Similarity  100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 G 10
             |
Db          7 G 7


RESULT 9
US-08-424-550B-521
; Sequence 521, Application US/08424550B
; Publication No. US20020119447A1
; GENERAL INFORMATION:
;   APPLICANT:  JOHN N. SIMONS
;   APPLICANT:  TAMI J. PILOT-MATIAS
;   APPLICANT:  GEORGE J. DAWSON
```

```
   APPLICANT:  GEORGE G. SCHLAUDER
   APPLICANT:  SURESH M. DESAI
   APPLICANT:  THOMAS P. LEARY
   APPLICANT:  ANTHONY SCOTT MUERHOFF
   APPLICANT:  JAMES C. ERKER
   APPLICANT:  SHERI L. BUIJK
   APPLICANT:  ISA K. MUSHAHWAR
   TITLE OF INVENTION:  NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
   TITLE OF INVENTION:  REAGENTS AND METHODS FOR THEIR USE
   NUMBER OF SEQUENCES:  716
   CORRESPONDENCE ADDRESS:
     ADDRESSEE:  ABBOTT LABORATORIES  D377/AP6D
     STREET:  100 ABBOTT PARK ROAD
     CITY:  ABBOTT PARK
     STATE:  IL
     COUNTRY:  USA
     ZIP:  60064-3500
   COMPUTER READABLE FORM:
     MEDIUM TYPE:  Floppy disk
     COMPUTER:  IBM PC compatible
     OPERATING SYSTEM:  PC-DOS/MS-DOS
     SOFTWARE:  PatentIn Release #1.0, Version #1.25
   CURRENT APPLICATION DATA:
     APPLICATION NUMBER:  US/08/424,550B
     FILING DATE:
     CLASSIFICATION:  435435
   ATTORNEY/AGENT INFORMATION:
     NAME:  POREMBSKI, PRISCILLA E.
     REGISTRATION NUMBER:  33,207
     REFERENCE/DOCKET NUMBER:  5527.PC.01
   TELECOMMUNICATION INFORMATION:
     TELEPHONE:  708-937-6365
     TELEFAX:  708-938-2623
 INFORMATION FOR SEQ ID NO:  521:
   SEQUENCE CHARACTERISTICS:
     LENGTH:  11 amino acids
     TYPE:  amino acid
     TOPOLOGY:  linear
   MOLECULE TYPE:  protein
3-08-424-550B-521

 Query Match             37.5%;  Score 6;  DB 8;  Length 11;
 Best Local Similarity   100.0%;  Pred. No. 0;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

/         10 G 10
            |
>          2 G 2


ESULT 10
3-08-424-550B-523
 Sequence 523, Application US/08424550B
 Publication No. US20020119447A1
  GENERAL INFORMATION:
    APPLICANT:  JOHN N. SIMONS
    APPLICANT:  TAMI J. PILOT-MATIAS
    APPLICANT:  GEORGE J. DAWSON
    APPLICANT:  GEORGE G. SCHLAUDER
    APPLICANT:  SURESH M. DESAI
    APPLICANT:  THOMAS P. LEARY
    APPLICANT:  ANTHONY SCOTT MUERHOFF
    APPLICANT:  JAMES C. ERKER
    APPLICANT:  SHERI L. BUIJK
    APPLICANT:  ISA K. MUSHAHWAR
    TITLE OF INVENTION:  NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
    TITLE OF INVENTION:  REAGENTS AND METHODS FOR THEIR USE
    NUMBER OF SEQUENCES:  716
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  ABBOTT LABORATORIES  D377/AP6D
      STREET:  100 ABBOTT PARK ROAD
      CITY:  ABBOTT PARK
      STATE:  IL
;       COUNTRY:  USA
;       ZIP:  60064-3500
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/424,550B
;       FILING DATE:
;       CLASSIFICATION:  435435
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  POREMBSKI, PRISCILLA E.
;       REGISTRATION NUMBER:  33,207
;       REFERENCE/DOCKET NUMBER:  5527.PC.01
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  708-937-6365
;       TELEFAX:  708-938-2623
;   INFORMATION FOR SEQ ID NO:  523:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  11 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
; US-08-424-550B-523

;   Query Match             37.5%;  Score 6;  DB 8;  Length 11;
;   Best Local Similarity   100.0%;  Pred. No. 0;
;   Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

; Qy          10 G 10
;               |
; Db           4 G 4


; RESULT 11
; US-08-424-550B-550
; Sequence 550, Application US/08424550B
; Publication No. US20020119447A1
;  GENERAL INFORMATION:
;    APPLICANT:  JOHN N. SIMONS
;    APPLICANT:  TAMI J. PILOT-MATIAS
;    APPLICANT:  GEORGE J. DAWSON
;    APPLICANT:  GEORGE G. SCHLAUDER
;    APPLICANT:  SURESH M. DESAI
;    APPLICANT:  THOMAS P. LEARY
;    APPLICANT:  ANTHONY SCOTT MUERHOFF
;    APPLICANT:  JAMES C. ERKER
;    APPLICANT:  SHERI L. BUIJK
;    APPLICANT:  ISA K. MUSHAHWAR
;    TITLE OF INVENTION:  NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
;    TITLE OF INVENTION:  REAGENTS AND METHODS FOR THEIR USE
;    NUMBER OF SEQUENCES:  716
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  ABBOTT LABORATORIES  D377/AP6D
;      STREET:  100 ABBOTT PARK ROAD
;      CITY:  ABBOTT PARK
;      STATE:  IL
;      COUNTRY:  USA
;      ZIP:  60064-3500
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/424,550B
;      FILING DATE:
;      CLASSIFICATION:  435435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  POREMBSKI, PRISCILLA E.
;      REGISTRATION NUMBER:  33,207
;      REFERENCE/DOCKET NUMBER:  5527.PC.01
```

```
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  708-937-6365
      TELEFAX:  708-938-2623
  INFORMATION FOR SEQ ID NO:  550:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  11 amino acids
      TYPE:  amino acid
      TOPOLOGY:  linear
    MOLECULE TYPE:  protein
JS-08-424-550B-550

  Query Match             37.5%;  Score 6;  DB 8;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 G 10
             |
Db          6 G 6


RESULT 12
JS-08-809-423A-5
; Sequence 5, Application US/08809423A
; Publication No. US20020169104A1
; GENERAL INFORMATION:
;    APPLICANT:  FRANK, GLENN R.
;    APPLICANT:  HUNTER, SHIRLEY WU
;    APPLICANT:  WALLENFELS, LYNDA
;    TITLE OF INVENTION:  NOVEL ECTOPARASITE SALIVA PROTEINS
;    TITLE OF INVENTION:  AND APPARATUS TO COLLECT SUCH PROTEINS
;    NUMBER OF SEQUENCES:  56
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Sheridan Ross & McIntosh
;      STREET:  1700 Lincoln Street, Suite 3500
;      CITY:  Denver
;      STATE:  Colorado
;      COUNTRY:  U.S.A.
;      ZIP:  80203
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/809,423A
;      FILING DATE:
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  CONNELL, GARY J.
;      REGISTRATION NUMBER:  32,020
;      REFERENCE/DOCKET NUMBER:  2618-17-C2PCT
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (303) 863-9700
;      TELEFAX:  (303) 863-0223
;  INFORMATION FOR SEQ ID NO:  5:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  11 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
JS-08-809-423A-5

  Query Match             37.5%;  Score 6;  DB 8;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 G 10
             |
Db         11 G 11


RESULT 13
JS-08-982-965-4
; Sequence 4, Application US/08982965
; Publication No. US20030026807A1
; GENERAL INFORMATION:
;  APPLICANT: LOWELL, George H.
;  TITLE OF INVENTION: IMMUNO-POTENTIATING SYSTEMS FOR PREPARATION OF
;  TITLE OF INVENTION: IMMUNOGENIC MATERIALS
;  FILE REFERENCE: 378332000110 Immunopotentiating System
;  CURRENT APPLICATION NUMBER: US/08/982,965
;  CURRENT FILING DATE: 1997-12-02
;  EARLIER APPLICATION NUMBER: US08/143,365
;  EARLIER FILING DATE: 1993-10-29
;  NUMBER OF SEQ ID NOS: 16
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
;   LENGTH: 11
;   TYPE: PRT
;   ORGANISM: Plasmodium falciparum
US-08-982-965-4

  Query Match             37.5%;  Score 6;  DB 8;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 G 10
             |
Db          2 G 2


RESULT 14
US-08-954-701A-11
; Sequence 11, Application US/08954701A
; Publication No. US20030032085A1
; GENERAL INFORMATION:
;    APPLICANT:  SCOTT, MATHEW P
;    APPLICANT:  GOODRICH, LISA V
;    APPLICANT:  JOHNSON, RONALD L
;    TITLE OF INVENTION:  Patched Genes and their Use
;    NUMBER OF SEQUENCES:  19
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Foley, Hoag & Eliot
;      STREET:  One Post Office Square
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02109
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  ASCII(text)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/954,701A
;      FILING DATE:  20-OCT-1997
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Vincent, Matthew P.
;      REGISTRATION NUMBER:  36709
;      REFERENCE/DOCKET NUMBER:  SUV-003.08
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-832-1000
;      TELEFAX:  617-832-7000
;  INFORMATION FOR SEQ ID NO:  11:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  11 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-954-701A-11

  Query Match             37.5%;  Score 6;  DB 8;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
```

```
y          10 G 10
                |
b          11 G 11


ESULT 15
S-08-817-832B-10
 Sequence 10, Application US/08817832B
 Publication No. US20030104516A1
  GENERAL INFORMATION:
    APPLICANT:  MANDELKOW, Eckhard, et al.
    TITLE OF INVENTION:  No. US20030104516A1el Protein Kinase (NPK-110)
    NUMBER OF SEQUENCES:  32
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  Marshall, O'Toole, Gerstein, Murray & Borun
      STREET:  233 S. Wacker Drive, 6300 Sears Tower
      CITY:  Chicago
      STATE:  Illinois
      COUNTRY:  US
      ZIP:  60606-6402
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Floppy disk
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  PatentIn Release #1.0, Version #1.30 (EPO)
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/817,832B
      FILING DATE:  28-APR-1997
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  WO PCT/EP95/04258
      FILING DATE:  30-OCT-1995
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  EP 94 11 7122.5
      FILING DATE:  28-OCT-1994
  INFORMATION FOR SEQ ID NO:  10:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  11 amino acids
      TYPE:  amino acid
      STRANDEDNESS:  single
      TOPOLOGY:  linear
    MOLECULE TYPE:  peptide
    FEATURE:
      NAME/KEY:  Peptide
      LOCATION:  5
      OTHER INFORMATION:  /note= "Ser at position 5 is
      OTHER INFORMATION:  phosphorylated."
S-08-817-832B-10

 Query Match             37.5%;  Score 6;  DB 8;  Length 11;
 Best Local Similarity   100.0%;  Pred. No. 0;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          10 G 10
                |
b           3 G 3


ESULT 16
S-08-817-832B-12
 Sequence 12, Application US/08817832B
 Publication No. US20030104516A1
  GENERAL INFORMATION:
    APPLICANT:  MANDELKOW, Eckhard, et al.
    TITLE OF INVENTION:  No. US20030104516A1el Protein Kinase (NPK-110)
    NUMBER OF SEQUENCES:  32
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  Marshall, O'Toole, Gerstein, Murray & Borun
      STREET:  233 S. Wacker Drive, 6300 Sears Tower
      CITY:  Chicago
      STATE:  Illinois
      COUNTRY:  US
      ZIP:  60606-6402
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/817,832B
;      FILING DATE:  28-APR-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  WO PCT/EP95/04258
;      FILING DATE:  30-OCT-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  EP 94 11 7122.5
;      FILING DATE:  28-OCT-1994
;  INFORMATION FOR SEQ ID NO:  12:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  11 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
;    FEATURE:
;      NAME/KEY:  Peptide
;      LOCATION:  2
;      OTHER INFORMATION:  /note= "Ser at position 2 is
;      OTHER INFORMATION:  phosphorylated."
;    FEATURE:
;      NAME/KEY:  Peptide
;      LOCATION:  6
;      OTHER INFORMATION:  /note= "Ser at position 6 is
;      OTHER INFORMATION:  phosphorylated."
;    FEATURE:
;      NAME/KEY:  Peptide
;      LOCATION:  9
;      OTHER INFORMATION:  /note= "Ser at position 9 is
;      OTHER INFORMATION:  phosphorylated."
US-08-817-832B-12

  Query Match             37.5%;  Score 6;  DB 8;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 G 10
                |
Db          8 G 8


RESULT 17
US-08-817-832B-30
; Sequence 30, Application US/08817832B
; Publication No. US20030104516A1
;  GENERAL INFORMATION:
;    APPLICANT:  MANDELKOW, Eckhard, et al.
;    TITLE OF INVENTION:  No. US20030104516A1el Protein Kinase (NPK-110)
;    NUMBER OF SEQUENCES:  32
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Marshall, O'Toole, Gerstein, Murray & Borun
;      STREET:  233 S. Wacker Drive, 6300 Sears Tower
;      CITY:  Chicago
;      STATE:  Illinois
;      COUNTRY:  US
;      ZIP:  60606-6402
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/817,832B
;      FILING DATE:  28-APR-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  WO PCT/EP95/04258
;      FILING DATE:  30-OCT-1995
```

```
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  EP 94 11 7122.5
      FILING DATE:  28-OCT-1994
  INFORMATION FOR SEQ ID NO:  30:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  11 amino acids
      TYPE:  amino acid
      STRANDEDNESS:  single
      TOPOLOGY:  linear
    MOLECULE TYPE:  peptide
/S-08-817-832B-30

  Query Match            37.5%;  Score 6;  DB 8;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

)y         10 G 10
              |
)b          9 G 9


!ESULT 18
/S-08-811-519A-10
  Sequence 10, Application US/08811519A
  Publication No. US20030143665A1
   GENERAL INFORMATION:
    APPLICANT:  Petrenko, Alexandre
    TITLE OF INVENTION:  CALCIUM INDEPENDENT RECEPTOR OF
    TITLE OF INVENTION:  ALPHA-LATROTOXIN, CHARACTERIZATION AND USES THEREOF
    NUMBER OF SEQUENCES:  12
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  David A. Jackson, Esq.
      STREET:  411 Hackensack Ave, Continental Plaza, 4th
      STREET:  Floor
      CITY:  Hackensack
      STATE:  New Jersey
      COUNTRY:  USA
      ZIP:  07601
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Floppy disk
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  PatentIn Release #1.0, Version #1.30
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/811,519A
      FILING DATE:  4-MAR-1997
      CLASSIFICATION:  435
    ATTORNEY/AGENT INFORMATION:
      NAME:  Jackson Esq., David A.
      REGISTRATION NUMBER:  26,742
      REFERENCE/DOCKET NUMBER:  1049-1-007
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  201-487-5800
      TELEFAX:  201-343-1684
  INFORMATION FOR SEQ ID NO:  10:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  11 amino acids
      TYPE:  amino acid
      STRANDEDNESS:  single
      TOPOLOGY:  linear
    MOLECULE TYPE:  peptide
    HYPOTHETICAL:  NO
'S-08-811-519A-10

  Query Match            37.5%;  Score 6;  DB 8;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          10 G 10
              |
b           3 G 3
```

```
RESULT 19
US-08-765-837-15
; Sequence 15, Application US/08765837
; Publication No. US20030147900A1
;  GENERAL INFORMATION:
;    APPLICANT:  LAUB, RUTH
;    APPLICANT:  DI GIAMBATTISTA, MARIO
;    TITLE OF INVENTION:  ANTIGENIC POLYPEPTIDE SEQUENCE
;    TITLE OF INVENTION:  OF FACTOR VIII, AND FRAGMENTS AND/OR
;    NUMBER OF SEQUENCES:  20
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Knobbe, Martens, Olson & Bear
;      STREET:  620 Newport Center Drive  16th Floor
;      CITY:  Newport Beach
;      STATE:  CA
;      COUNTRY:  U.S.A.
;      ZIP:  92660
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 1.5
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/765,837
;      FILING DATE:
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/BE95/00068
;      FILING DATE:  14-JUL-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Altman, Daniel E
;      REGISTRATION NUMBER:  34,115
;      REFERENCE/DOCKET NUMBER:  VANMA48.001APC
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  714-760-0404
;      TELEFAX:  714-760-9502
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  15:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  11 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  No. US20030147900A1e
;    FRAGMENT TYPE:  internal
US-08-765-837-15

  Query Match            37.5%;  Score 6;  DB 8;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 G 10
              |
Db          4 G 4


RESULT 20
US-08-344-824-44
; Sequence 44, Application US/08344824
; Publication No. US20030152580A1
;  GENERAL INFORMATION:
;    APPLICANT:  SETTE, Alessandro
;    APPLICANT:  SIDNEY, John
;    TITLE OF INVENTION:  HLA BINDING PEPTIDES AND THEIR USES
;    NUMBER OF SEQUENCES:  399
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  One Market Plaza, Steuart Street Tower, 20th
;      STREET:  Floor
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94105
```

```
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Floppy disk
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  PatentIn Release #1.0, Version #1.25
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/344,824
      FILING DATE:  23-NOV-1994
      CLASSIFICATION:  514
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  US 08/278,634
      FILING DATE:  21-JUL-1994
    ATTORNEY/AGENT INFORMATION:
      NAME:  Bastian, Kevin L.
      REGISTRATION NUMBER:  34,774
      REFERENCE/DOCKET NUMBER:  14137-80-1
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  (415) 543-9600
      TELEFAX:  (415) 543-5043
  INFORMATION FOR SEQ ID NO:  44:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  11 amino acids
      TYPE:  amino acid
      STRANDEDNESS:  single
      TOPOLOGY:  linear
    MOLECULE TYPE:  DNA (genomic)
S-08-344-824-44

 Query Match             37.5%;  Score 6;  DB 8;  Length 11;
 Best Local Similarity   100.0%;  Pred. No. 0;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          10 G 10
             |
b           7 G 7


ESULT 21
S-08-996-140-10
 Sequence 10, Application US/08996140
 Publication No. US20030190318A1
  GENERAL INFORMATION:
    APPLICANT:  TORIGOE, Kakuji
    APPLICANT:  USHIO, Shimpei
    APPLICANT:  KUNIKATA, Toshio
    APPLICANT:  KURIMOTO, Masashi
    TITLE OF INVENTION:  INTERLEUKIN-18 RECEPTOR PROTEINS
    NUMBER OF SEQUENCES:  31
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  BROWDY AND NEIMARK
      STREET:  419 Seventh Street, N.W., Suite 300
      CITY:  Washington
      STATE:  D.C.
      COUNTRY:  USA
      ZIP:  20004
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Floppy disk
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  Patent In Release #1.0, Version #1.30
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/996,140
      FILING DATE:  22-DEC-1997
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  JP 356,426/1996
      FILING DATE:  26-DEC-1996
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  JP 52,526/1997
      FILING DATE:  21-FEB-1997
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  JP 163,490/1997
      FILING DATE:  6-JUN-1997
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  JP 215,490/1997
      FILING DATE:  28-JUL-1997
    ATTORNEY/AGENT INFORMATION:
      NAME:  BROWDY, Roger L.
      REGISTRATION NUMBER:  25,618
      REFERENCE/DOCKET NUMBER:  TORIGOE=2
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  202-628-5197
      TELEFAX:  202-737-3528
  INFORMATION FOR SEQ ID NO:  10:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  11 amino acids
      TYPE:  amino acid
      TOPOLOGY:  linear
    MOLECULE TYPE:  peptide
    FRAGMENT TYPE:  internal fragment
US-08-996-140-10

  Query Match             37.5%;  Score 6;  DB 8;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 G 10
              |
Db           9 G 9


RESULT 22
US-08-996-140-16
; Sequence 16, Application US/08996140
; Publication No. US20030190318A1
;  GENERAL INFORMATION:
;    APPLICANT:  TORIGOE, Kakuji
;    APPLICANT:  USHIO, Shimpei
;    APPLICANT:  KUNIKATA, Toshio
;    APPLICANT:  KURIMOTO, Masashi
;    TITLE OF INVENTION:  INTERLEUKIN-18 RECEPTOR PROTEINS
;    NUMBER OF SEQUENCES:  31
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BROWDY AND NEIMARK
;      STREET:  419 Seventh Street, N.W., Suite 300
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20004
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  Patent In Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/996,140
;      FILING DATE:  22-DEC-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  JP 356,426/1996
;      FILING DATE:  26-DEC-1996
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  JP 52,526/1997
;      FILING DATE:  21-FEB-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  JP 163,490/1997
;      FILING DATE:  6-JUN-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  JP 215,490/1997
;      FILING DATE:  28-JUL-1997
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  BROWDY, Roger L.
;      REGISTRATION NUMBER:  25,618
;      REFERENCE/DOCKET NUMBER:  TORIGOE=2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202-628-5197
;      TELEFAX:  202-737-3528
;  INFORMATION FOR SEQ ID NO:  16:
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SEQUENCE CHARACTERISTICS:
LENGTH: 11 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal fragment
JS-08-996-140-16

Query Match 37.5%; Score 6; DB 8; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 10 G 10
|
Db 4 G 4

RESULT 23
JS-08-736-019-13
Sequence 13, Application US/08736019
Publication No. US20030207799A1
GENERAL INFORMATION:
APPLICANT: Goodearl, Andrew
APPLICANT: Stroobant, Paul
APPLICANT: Minghetti, Luisa
APPLICANT: Waterfield, Michael
APPLICANT: Marchionni, Mark
APPLICANT: Chen, Mario
APPLICANT: Hiles, Ian
TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR
TITLE OF INVENTION: PREPARATION AND USE
NUMBER OF SEQUENCES: 189
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible Pentium
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/736,019
FILING DATE: 22-OCT-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/471,833
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/036,555
FILING DATE: 24-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/965,173
FILING DATE: 23-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/907,138
FILING DATE: 30-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/940,389
FILING DATE: 03-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/863,703
FILING DATE: 03-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: UK 91 07566.3
FILING DATE: 10-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Bieker-Brady, Kristina
REGISTRATION NUMBER: 39,109
REFERENCE/DOCKET NUMBER: 04585/00200Q
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 428-0200
; TELEFAX: (617) 428-7045
; TELEX:
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; FEATURE:
; OTHER INFORMATION: Xaa in position 1 is Lysine or Arginine.
US-08-736-019-13

Query Match 37.5%; Score 6; DB 8; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 10 G 10
|
Db 10 G 10

RESULT 24
US-08-736-019-23
; Sequence 23, Application US/08736019
; Publication No. US20030207799A1
; GENERAL INFORMATION:
; APPLICANT: Goodearl, Andrew
; APPLICANT: Stroobant, Paul
; APPLICANT: Minghetti, Luisa
; APPLICANT: Waterfield, Michael
; APPLICANT: Marchionni, Mark
; APPLICANT: Chen, Mario
; APPLICANT: Hiles, Ian
; TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR
; TITLE OF INVENTION: PREPARATION AND USE
; NUMBER OF SEQUENCES: 189
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Clark & Elbing LLP
; STREET: 176 Federal Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible Pentium
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/736,019
; FILING DATE: 22-OCT-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/471,833
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/036,555
; FILING DATE: 24-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/965,173
; FILING DATE: 23-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/907,138
; FILING DATE: 30-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/940,389
; FILING DATE: 03-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/863,703
; FILING DATE: 03-APR-1992
; PRIOR APPLICATION DATA:

```
      APPLICATION NUMBER:  UK 91 07566.3
      FILING DATE:  10-APR-1991
    ATTORNEY/AGENT INFORMATION:
      NAME:  Bieker-Brady, Kristina
      REGISTRATION NUMBER:  39,109
      REFERENCE/DOCKET NUMBER:  04585/00200Q
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  (617) 428-0200
      TELEFAX:  (617) 428-7045
      TELEX:
  INFORMATION FOR SEQ ID NO:  23:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  11
      TYPE:  amino acid
      STRANDEDNESS:
      TOPOLOGY:  linear
    FEATURE:
      OTHER INFORMATION:  Xaa in position 9 is unknown.
S-08-736-019-23

 Query Match             37.5%;  Score 6;  DB 8;  Length 11;
 Best Local Similarity   100.0%;  Pred. No. 0;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y         10 G 10
             |
b          7 G 7


ESULT 25
S-08-736-019-166
 Sequence 166, Application US/08736019
 Publication No. US20030207799A1
  GENERAL INFORMATION:
    APPLICANT:  Goodearl, Andrew
    APPLICANT:  Stroobant, Paul
    APPLICANT:  Minghetti, Luisa
    APPLICANT:  Waterfield, Michael
    APPLICANT:  Marchionni, Mark
    APPLICANT:  Chen, Mario
    APPLICANT:  Hiles, Ian
    TITLE OF INVENTION:  GLIAL MITOGENIC FACTORS, THEIR
    TITLE OF INVENTION:  PREPARATION AND USE
    NUMBER OF SEQUENCES:  189
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  Clark & Elbing LLP
      STREET:  176 Federal Street
      CITY:  Boston
      STATE:  Massachusetts
      COUNTRY:  U.S.A.
      ZIP:  02110
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  3.5" Diskette, 1.44 Mb
      COMPUTER:  IBM Compatible Pentium
      OPERATING SYSTEM:  Windows95
      SOFTWARE:  FastSeq Version 2.0
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/736,019
      FILING DATE:  22-OCT-1996
      CLASSIFICATION:  514
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  08/471,833
      FILING DATE:  06-JUN-1995
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  08/036,555
      FILING DATE:  24-MAR-1993
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  07/965,173
      FILING DATE:  23-OCT-1992
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  07/907,138
      FILING DATE:  30-JUN-1992
    PRIOR APPLICATION DATA:
;     APPLICATION NUMBER:  07/940,389
;     FILING DATE:  03-SEP-1992
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER:  07/863,703
;     FILING DATE:  03-APR-1992
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER:  UK 91 07566.3
;     FILING DATE:  10-APR-1991
;   ATTORNEY/AGENT INFORMATION:
;     NAME:  Bieker-Brady, Kristina
;     REGISTRATION NUMBER:  39,109
;     REFERENCE/DOCKET NUMBER:  04585/00200Q
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:  (617) 428-0200
;     TELEFAX:  (617) 428-7045
;     TELEX:
;  INFORMATION FOR SEQ ID NO:  166:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH:  11
;     TYPE:  amino acid
;     STRANDEDNESS:
;     TOPOLOGY:  linear
;   FEATURE:
;     OTHER INFORMATION:  Xaa in positions 1, 2, and 3 is
;     OTHER INFORMATION:  unknown.
US-08-736-019-166

  Query Match             37.5%;  Score 6;  DB 8;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 G 10
              |
Db          6 G 6


RESULT 26
US-09-759-960-28
; Sequence 28, Application US/09759960
; Patent No. US20010006639A1
;  GENERAL INFORMATION:
;    APPLICANT:  Urban, Robert G.
;    APPLICANT:  Chicz, Roman M.
;    APPLICANT:  Collins, Edward J.
;    APPLICANT:  Hedley, Mary Lynn
;    TITLE OF INVENTION:  IMMUNOGENIC PEPTIDES FROM THE HPV E7
;    TITLE OF INVENTION:  PROTEIN
;    NUMBER OF SEQUENCES:  33
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson, P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  US
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows95
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/759,960
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  09/169,425
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Fraser, Janis K.
;      REGISTRATION NUMBER:  34,819
;      REFERENCE/DOCKET NUMBER:  08191/004002
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-542-5070
;      TELEFAX:  617-543-8906
```

```
      TELEX:  200154
  INFORMATION FOR SEQ ID NO:  28:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  11 amino acids
      TYPE:  amino acid
      TOPOLOGY:  linear
    MOLECULE TYPE:  peptide
IS-09-759-960-28

  Query Match             37.5%;  Score 6;  DB 9;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 G 10
              |
Db           1 G 1


RESULT 27
IS-09-759-960-31
  Sequence 31, Application US/09759960
  Patent No. US20010006639A1
   GENERAL INFORMATION:
    APPLICANT:  Urban, Robert G.
    APPLICANT:  Chicz, Roman M.
    APPLICANT:  Collins, Edward J.
    APPLICANT:  Hedley, Mary Lynn
    TITLE OF INVENTION:  IMMUNOGENIC PEPTIDES FROM THE HPV E7
    TITLE OF INVENTION:  PROTEIN
    NUMBER OF SEQUENCES:  33
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  Fish & Richardson, P.C.
      STREET:  225 Franklin Street
      CITY:  Boston
      STATE:  MA
      COUNTRY:  US
      ZIP:  02110-2804
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Diskette
      COMPUTER:  IBM Compatible
      OPERATING SYSTEM:  Windows95
      SOFTWARE:  FastSEQ for Windows Version 2.0
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/09/759,960
      FILING DATE:
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  09/169,425
      FILING DATE:
    ATTORNEY/AGENT INFORMATION:
      NAME:  Fraser, Janis K.
      REGISTRATION NUMBER:  34,819
      REFERENCE/DOCKET NUMBER:  08191/004002
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  617-542-5070
      TELEFAX:  617-543-8906
      TELEX:  200154
  INFORMATION FOR SEQ ID NO:  31:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  11 amino acids
      TYPE:  amino acid
      TOPOLOGY:  linear
    MOLECULE TYPE:  peptide
    FEATURE:
      NAME/KEY:  Other
      LOCATION:  1...1
      OTHER INFORMATION:  where Xaa at position 1 is Met, Ala, Ser,
      OTHER INFORMATION:  Arg, Lys, Gly, Gln, Asp, or Glu
JS-09-759-960-31

  Query Match             37.5%;  Score 6;  DB 9;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 G 10
              |
Db           2 G 2


RESULT 28
US-09-759-960-33
; Sequence 33, Application US/09759960
; Patent No. US20010006639A1
;  GENERAL INFORMATION:
;    APPLICANT:  Urban, Robert G.
;    APPLICANT:  Chicz, Roman M.
;    APPLICANT:  Collins, Edward J.
;    APPLICANT:  Hedley, Mary Lynn
;    TITLE OF INVENTION:  IMMUNOGENIC PEPTIDES FROM THE HPV E7
;    TITLE OF INVENTION:  PROTEIN
;    NUMBER OF SEQUENCES:  33
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson, P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  US
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows95
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/759,960
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  09/169,425
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Fraser, Janis K.
;      REGISTRATION NUMBER:  34,819
;      REFERENCE/DOCKET NUMBER:  08191/004002
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-542-5070
;      TELEFAX:  617-543-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  33:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  11 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-09-759-960-33

  Query Match             37.5%;  Score 6;  DB 9;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 G 10
              |
Db           2 G 2


RESULT 29
US-09-222-179-1
; Sequence 1, Application US/09222179A
; Patent No. US20010006788A1
; GENERAL INFORMATION:
;  APPLICANT:  Carey, Thomas E.
;  APPLICANT:  Gray, Jennifer P.
;  APPLICANT:  Thankum, Nair S.
;  TITLE OF INVENTION:  Identifying the Antigenic Target of Autoimmune
;  TITLE OF INVENTION:  Sensorineural Hearing Loss (AISNHL) and Development of
;  TITLE OF INVENTION:  Specific Tests for Diagnosis and Management of AISNHL
;  FILE REFERENCE:  UM-03999
;  CURRENT APPLICATION NUMBER: US/09/222,179A
```

```
  CURRENT FILING DATE:  1998-12-29
  NUMBER OF SEQ ID NOS:  3
  SOFTWARE:  PatentIn Ver. 2.0
 SEQ ID NO 1
   LENGTH: 11
   TYPE: PRT
   ORGANISM: Cavia porcellus
   FEATURE:
   NAME/KEY: UNSURE
   LOCATION: (2)
   OTHER INFORMATION: THE AMINO ACID AT THIS POSITON MAY BE F, L, V, OR
   OTHER INFORMATION: G
S-09-222-179-1

 Query Match             37.5%;  Score 6;  DB 9;  Length 11;
 Best Local Similarity   100.0%;  Pred. No. 0;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y         10 G 10
             |
b          6 G 6


ESULT 30
S-09-045-620-1
 Sequence 1, Application US/09045620
 Patent No. US20010006793A1
 GENERAL INFORMATION:
  APPLICANT: BJORNSTI, Mary-Ann
  APPLICANT: HALL, David
  APPLICANT: KANG, Jason
  TITLE OF INVENTION: MODULATORS OF EUKARYOTIC CASPASES
  FILE REFERENCE: 209855.0027/27US
  CURRENT APPLICATION NUMBER: US/09/045,620
  CURRENT FILING DATE: 2000-03-20
  NUMBER OF SEQ ID NOS: 5
  SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 1
   LENGTH: 11
   TYPE: PRT
   ORGANISM: Artificial Sequence
   FEATURE:
   OTHER INFORMATION: Description of Artificial Sequence: T7 epitope
S-09-045-620-1

 Query Match             37.5%;  Score 6;  DB 9;  Length 11;
 Best Local Similarity   100.0%;  Pred. No. 0;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y         10 G 10
             |
b          6 G 6


ESULT 31
S-09-113-924-21
 Sequence 21, Application US/09113924
 Patent No. US20010007019A1
  GENERAL INFORMATION:
    APPLICANT:  Brigstock, David R.
    APPLICANT:  Harding, Paul H.
    TITLE OF INVENTION:  HEPARIN BINDING GROWTH FACTOR (HBGF)
    TITLE OF INVENTION:  POLYPEPTIDES
    NUMBER OF SEQUENCES:  22
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  Fish & Richardson P.C.
      STREET:  4225 Executive Square, Suite 1400
      CITY:  La Jolla
      STATE:  CA
      COUNTRY:  USA
      ZIP:  92037
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Diskette
      COMPUTER:  IBM Compatible
      OPERATING SYSTEM:  Windows 95
      SOFTWARE:  FastSEQ for Windows Version 2.0b
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/09/113,924
      FILING DATE:
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  08/908,526
      FILING DATE:  07-AUG-1997
    ATTORNEY/AGENT INFORMATION:
      NAME:  Haile, Lisa A., Ph.D.
      REGISTRATION NUMBER:  38,347
      REFERENCE/DOCKET NUMBER:  08766/003001
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  619/678-5070
      TELEFAX:  619/678-5099
  INFORMATION FOR SEQ ID NO:  21:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  11 amino acids
      TYPE:  amino acid
      TOPOLOGY:  linear
    MOLECULE TYPE:  peptide
US-09-113-924-21

  Query Match             37.5%;  Score 6;  DB 9;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 G 10
             |
Db          2 G 2


RESULT 32
US-09-113-924-22
; Sequence 22, Application US/09113924
; Patent No. US20010007019A1
;  GENERAL INFORMATION:
;    APPLICANT:  Brigstock, David R.
;    APPLICANT:  Harding, Paul H.
;    TITLE OF INVENTION:  HEPARIN BINDING GROWTH FACTOR (HBGF)
;    TITLE OF INVENTION:  POLYPEPTIDES
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson P.C.
;      STREET:  4225 Executive Square, Suite 1400
;      CITY:  La Jolla
;      STATE:  CA
;      COUNTRY:  USA
;      ZIP:  92037
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  FastSEQ for Windows Version 2.0b
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/113,924
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/908,526
;      FILING DATE:  07-AUG-1997
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Haile, Lisa A., Ph.D.
;      REGISTRATION NUMBER:  38,347
;      REFERENCE/DOCKET NUMBER:  08766/003001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  619/678-5070
;      TELEFAX:  619/678-5099
;  INFORMATION FOR SEQ ID NO:  22:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  11 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
```

```
;    MOLECULE TYPE:  peptide
JS-09-113-924-22

  Query Match             37.5%;  Score 6;  DB 9;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 G 10
           |
Db          8 G 8


RESULT 33
JS-09-341-643-1
; Sequence 1, Application US/09341643
; Patent No. US20010007020A1
; GENERAL INFORMATION:
;  APPLICANT: GERL, MARTIN
;  TITLE OF INVENTION: ANTIBODIES THAT BIND TO THE NIDOGEN-BINDING DOMAIN OF
;  TITLE OF INVENTION: LAMININ, THEIR PRODUCTION AND USE
;  FILE REFERENCE: 02481.1626-00000
;  CURRENT APPLICATION NUMBER: US/09/341,643
;  CURRENT FILING DATE: 1999-07-15
;  EARLIER APPLICATION NUMBER: PCT/EP97/07241
;  EARLIER FILING DATE: 1997-12-22
;  NUMBER OF SEQ ID NOS: 2
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
;   LENGTH: 11
;   TYPE: PRT
;   ORGANISM: Homo sapiens
JS-09-341-643-1

  Query Match             37.5%;  Score 6;  DB 9;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 G 10
           |
Db          9 G 9


RESULT 34
JS-09-739-907-108
; Sequence 108, Application US/09739907
; Patent No. US20010012889A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: 36 Human Secreted Proteins
;  FILE REFERENCE: PZ022P1
;  CURRENT APPLICATION NUMBER: US/09/739,907
;  CURRENT FILING DATE:  2000-12-20
;  PRIOR APPLICATION NUMBER: 09/348,457
;  PRIOR FILING DATE: 1999-07-07
;  PRIOR APPLICATION NUMBER: 60/070,567
;  PRIOR FILING DATE: 1998-01-07
;  PRIOR APPLICATION NUMBER: 60/070,692
;  PRIOR FILING DATE: 1998-01-07
;  PRIOR APPLICATION NUMBER: 60/070,704
;  PRIOR FILING DATE: 1998-01-07
;  PRIOR APPLICATION NUMBER: 60/070,658
;  PRIOR FILING DATE: 1998-01-07
;  NUMBER OF SEQ ID NOS: 196
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 108
;   LENGTH: 11
;   TYPE: PRT
;   ORGANISM: Homo sapiens
JS-09-739-907-108

  Query Match             37.5%;  Score 6;  DB 9;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 G 10
           |
Db          2 G 2


RESULT 35
US-09-739-852-2
; Sequence 2, Application US/09739852
; Patent No. US20010014337A1
; GENERAL INFORMATION:
;  APPLICANT: Hayward, Diane S.
;  APPLICANT:  Ling, Paul D.
;  TITLE OF INVENTION: EBNA2 PEPTIDES AND METHODS OF USING SAME
;  FILE REFERENCE: 87512
;  CURRENT APPLICATION NUMBER: US/09/739,852
;  CURRENT FILING DATE:  2000-12-18
;  PRIOR APPLICATION NUMBER: 09/133,341
;  PRIOR FILING DATE: 2000-12-18
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
;   LENGTH: 11
;   TYPE: PRT
;   ORGANISM: Epstein-Barr Virus
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (8)
;   OTHER INFORMATION: Xaa can be either Ile or Val
;   NAME/KEY: SITE
;   LOCATION: (9)
;   OTHER INFORMATION: Xaa can be either Cys or Arg
US-09-739-852-2

  Query Match             37.5%;  Score 6;  DB 9;  Length 11;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 G 10
           |
Db          1 G 1


Search completed: March 18, 2004, 07:53:05
Job time : 38 secs
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GenCore version 5.1.6

M protein - protein search, using sw model

un on: March 18, 2004, 07:49:18 ; Search time 33.5 Seconds
(without alignments)
77.300 Million cell updates/sec

itle: US-09-673-274B-43
erfect score: 18
equence: 1 VXXXXXXXXD 10

coring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

earched: 1049977 seqs, 258955339 residues

otal number of hits satisfying chosen parameters: 32147

inimum DB seq length: 10
aximum DB seq length: 10

ost-processing: Minimum Match 0%
Maximum Match 100%
Listing first 50 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	7	38.9	10	10	US-09-572-404B-4200	Sequence 4200, Ap
2	7	38.9	10	10	US-09-572-404B-4201	Sequence 4201, Ap
3	6	33.3	10	8	US-08-927-939-7	Sequence 7, Appli
4	6	33.3	10	8	US-08-927-939-27	Sequence 27, Appl
5	6	33.3	10	8	US-08-859-699-13	Sequence 13, Appl
6	6	33.3	10	8	US-08-790-540A-23	Sequence 23, Appl
7	6	33.3	10	8	US-08-791-391A-28	Sequence 28, Appl
8	6	33.3	10	8	US-08-987-689A-7	Sequence 7, Appli
9	6	33.3	10	8	US-08-987-689A-19	Sequence 19, Appl
10	6	33.3	10	8	US-08-987-689A-22	Sequence 22, Appl
11	6	33.3	10	8	US-08-902-572-34	Sequence 34, Appl
12	6	33.3	10	8	US-08-452-843A-20	Sequence 20, Appl
13	6	33.3	10	8	US-08-854-825-1	Sequence 1, Appli
14	6	33.3	10	8	US-08-854-825-3	Sequence 3, Appli
15	6	33.3	10	8	US-08-854-825-19	Sequence 19, Appl
16	6	33.3	10	8	US-08-854-825-21	Sequence 21, Appl
17	6	33.3	10	8	US-08-854-825-23	Sequence 23, Appl
18	6	33.3	10	8	US-08-854-825-32	Sequence 32, Appl
19	6	33.3	10	8	US-08-854-825-40	Sequence 40, Appl
20	6	33.3	10	8	US-08-854-825-44	Sequence 44, Appl
21	6	33.3	10	8	US-08-854-825-47	Sequence 47, Appl
22	6	33.3	10	8	US-08-854-825-50	Sequence 50, Appl
23	6	33.3	10	8	US-08-854-825-55	Sequence 55, Appl
24	6	33.3	10	8	US-08-424-550B-250	Sequence 250, App
25	6	33.3	10	8	US-08-424-550B-372	Sequence 372, App
26	6	33.3	10	8	US-08-424-550B-576	Sequence 576, App
27	6	33.3	10	8	US-08-821-739A-29	Sequence 29, Appl
28	6	33.3	10	8	US-08-821-739A-63	Sequence 63, Appl
29	6	33.3	10	8	US-08-821-739A-64	Sequence 64, Appl
30	6	33.3	10	8	US-08-821-739A-89	Sequence 89, Appl
31	6	33.3	10	8	US-08-821-739A-91	Sequence 91, Appl
32	6	33.3	10	8	US-08-821-739A-93	Sequence 93, Appl
33	6	33.3	10	8	US-08-821-739A-100	Sequence 100, App
34	6	33.3	10	8	US-08-821-739A-107	Sequence 107, App
35	6	33.3	10	8	US-08-841-636A-13	Sequence 13, Appl
36	6	33.3	10	8	US-08-779-457-44	Sequence 44, Appl
37	6	33.3	10	8	US-08-325-278-12	Sequence 12, Appl
38	6	33.3	10	8	US-08-964-716-2	Sequence 2, Appli
39	6	33.3	10	8	US-08-913-430-8	Sequence 8, Appli
40	6	33.3	10	8	US-08-765-837-3	Sequence 3, Appli
41	6	33.3	10	8	US-08-344-824-11	Sequence 11, Appl
42	6	33.3	10	8	US-08-344-824-20	Sequence 20, Appl
43	6	33.3	10	8	US-08-344-824-61	Sequence 61, Appl
44	6	33.3	10	8	US-08-344-824-68	Sequence 68, Appl
45	6	33.3	10	8	US-08-344-824-70	Sequence 70, Appl
46	6	33.3	10	8	US-08-344-824-170	Sequence 170, App
47	6	33.3	10	8	US-08-344-824-188	Sequence 188, App
48	6	33.3	10	8	US-08-344-824-191	Sequence 191, App
49	6	33.3	10	8	US-08-344-824-192	Sequence 192, App
50	6	33.3	10	8	US-08-344-824-193	Sequence 193, App

ALIGNMENTS

RESULT 1
US-09-572-404B-4200
; Sequence 4200, Application US/09572404B
; Publication No. US20030078374A1
; GENERAL INFORMATION:
; APPLICANT: Proteom Ltd
; TITLE OF INVENTION: Complementary peptide ligands from the human genome
; FILE REFERENCE: Human patent
; CURRENT APPLICATION NUMBER: US/09/572,404B
; CURRENT FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 4203
; SOFTWARE: ProtPatent version 1.0
; SEQ ID NO 4200
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: sequence located in AZGP1 OR ZAG at 798-807 and may interact with
; OTHER INFORMATION: Sequence 4201 in this patent.
US-09-572-404B-4200

Query Match 38.9%; Score 7; DB 10; Length 10;
Best Local Similarity 20.0%; Pred. No. 2.4e+04;
Matches 2; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 1 VXXXXXXXXD 10
| |
Db 1 VGRRTSSSSD 10

RESULT 2
US-09-572-404B-4201
; Sequence 4201, Application US/09572404B

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 Publication No. US20030078374A1
 GENERAL INFORMATION:
  APPLICANT: Proteom Ltd
  TITLE OF INVENTION: Complementary peptide ligands from the human genome
  FILE REFERENCE: Human patent
  CURRENT APPLICATION NUMBER: US/09/572,404B
  CURRENT FILING DATE:  2000-05-17
  NUMBER OF SEQ ID NOS: 4203
  SOFTWARE: ProtPatent version 1.0
 SEQ ID NO 4201
    LENGTH: 10
    TYPE: PRT
    ORGANISM: Homo Sapiens
    FEATURE:
    OTHER INFORMATION: sequence located in AZGP1 OR ZAG at 798-807 and may interact with
    OTHER INFORMATION: Sequence 4200 in this patent.
US-09-572-404B-4201

  Query Match             38.9%;  Score 7;  DB 10;  Length 10;
  Best Local Similarity   20.0%;  Pred. No. 2.4e+04;
  Matches    2;  Conservative    0;  Mismatches    8;  Indels    0;  Gaps    0;

Qy          1 VXXXXXXXXD 10
              |          |
Db          1 VGRRTSSSSD 10


RESULT 3
US-08-927-939-7
  Sequence 7, Application US/08927939
  Publication No. US20010006640A1
  GENERAL INFORMATION:
   APPLICANT: Grainger, David J.
   APPLICANT: Tatalick, Lauen Marie
   TITLE OF INVENTION: Compounds and methods to inhibit or
   TITLE OF INVENTION: augment an inflammatory response.
   FILE REFERENCE: 295.022US1
   CURRENT APPLICATION NUMBER: US/08/927,939
   CURRENT FILING DATE: 1997-09-11
   NUMBER OF SEQ ID NOS: 83
   SOFTWARE: FastSEQ for Windows Version 3.0
  SEQ ID NO 7
    LENGTH: 10
    TYPE: PRT
    ORGANISM: Homo sapiens
US-08-927-939-7

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
               |
Db           3 D 3


RESULT 4
US-08-927-939-27
; Sequence 27, Application US/08927939
; Publication No. US20010006640A1
; GENERAL INFORMATION:
;  APPLICANT: Grainger, David J.
;  APPLICANT: Tatalick, Lauen Marie
;  TITLE OF INVENTION: Compounds and methods to inhibit or
;  TITLE OF INVENTION: augment an inflammatory response.
;  FILE REFERENCE: 295.022US1
;  CURRENT APPLICATION NUMBER: US/08/927,939
;  CURRENT FILING DATE: 1997-09-11
;  NUMBER OF SEQ ID NOS: 83
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 27
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-08-927-939-27

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
               |
Db           3 D 3


RESULT 5
US-08-859-699-13
; Sequence 13, Application US/08859699A
; Publication No. US20010007017A1
; GENERAL INFORMATION:
;  APPLICANT: VELJKOVIC, Veljko
;  APPLICANT: METLAS, Radmila
;  TITLE OF INVENTION: PEPTIDES WHICH REACT WITH ANTIBODY REPRESENTING THE
;  TITLE OF INVENTION: PROGNOSTIC MARKER FOR HIV DISEASE PROGRESSION
;  FILE REFERENCE: VELJKOVIC et al. 08/859,699
;  CURRENT APPLICATION NUMBER: US/08/859,699A
;  CURRENT FILING DATE: 1997-05-21
;  EARLIER APPLICATION NUMBER: GB 9610673.7
;  EARLIER FILING DATE: 1996-05-22
;  EARLIER APPLICATION NUMBER: GB 9623340.8
;  EARLIER FILING DATE: 1996-11-08
;  NUMBER OF SEQ ID NOS: 26
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:Derivative of
;   OTHER INFORMATION: NTM peptide.
US-08-859-699-13

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
               |
Db           2 D 2


RESULT 6
US-08-790-540A-23
; Sequence 23, Application US/08790540A
; Publication No. US20010011125A1
;  GENERAL INFORMATION:
;    APPLICANT:  Huse, William D.
;    TITLE OF INVENTION:  Anti-Alpha V Beta 3 Recombinant Human
;    TITLE OF INVENTION:  Antibodies, Nucleic Acids Encoding Same and Methods of Use
;    NUMBER OF SEQUENCES:  24
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Campbell & Flores LLP
;      STREET:  4370 La Jolla Village Drive, Suite 700
;      CITY:  San Diego
;      STATE:  California
;      COUNTRY:  United States
;      ZIP:  92122
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/790,540A
;      FILING DATE:  30-JAN-1997
;      CLASSIFICATION:  424
```

ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-IX 2405
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
S-08-790-540A-23

Query Match 33.3%; Score 6; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 7.9e+04;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 10 D 10
|
b 4 D 4

ESULT 7
S-08-791-391A-28
Sequence 28, Application US/08791391A
Publication No. US20010016645A1
GENERAL INFORMATION:
APPLICANT: Huse, William D.
APPLICANT: Glaser, Scott M.
TITLE OF INVENTION: Anti-Alpha V Beta 3 Recombinant Human
TITLE OF INVENTION: Antibodies, Nucleic Acids Encoding Same and Methods of Use
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: United States
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/791,391A
FILING DATE: 30-JAN-1997
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-IX 1482
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
TOPOLOGY: linear
S-08-791-391A-28

Query Match 33.3%; Score 6; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 7.9e+04;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 10 D 10
|
b 4 D 4

RESULT 8
US-08-987-689A-7
; Sequence 7, Application US/08987689A
; Publication No. US20020048782A1
; GENERAL INFORMATION:
; APPLICANT: Sima Lev
; APPLICANT: Joseph Schlessinger
; TITLE OF INVENTION: PYK2 RELATED PRODUCTS AND METHODS
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/987,689A
; FILING DATE: December 9, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/032,824
; FILING DATE: December 11, 1996
; APPLICATION NUMBER: 08/460,626
; FILING DATE: June 2, 1995
; APPLICATION NUMBER: 08/357,642
; FILING DATE: December 15, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/110
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-987-689A-7

Query Match 33.3%; Score 6; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 7.9e+04;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 10 D 10
|
Db 4 D 4

RESULT 9
US-08-987-689A-19
; Sequence 19, Application US/08987689A
; Publication No. US20020048782A1
; GENERAL INFORMATION:
; APPLICANT: Sima Lev
; APPLICANT: Joseph Schlessinger
; TITLE OF INVENTION: PYK2 RELATED PRODUCTS AND METHODS
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA

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;       ZIP:  90071
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  3.5" Diskette, 1.44 Mb storage
;       COMPUTER:  IBM Compatible
;       OPERATING SYSTEM:  IBM P.C. DOS 5.0
;       SOFTWARE:  FastSEQ for Windows Version 2.0
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/987,689A
;       FILING DATE:  December 9, 1997
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  60/032,824
;     . FILING DATE:  December 11, 1996
;       APPLICATION NUMBER:  08/460,626
;       FILING DATE:  June 2, 1995
;       APPLICATION NUMBER:  08/357,642
;       FILING DATE:  December 15, 1994
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Warburg, Richard J.
;       REGISTRATION NUMBER:  32,327
;       REFERENCE/DOCKET NUMBER:  230/110
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (213) 489-1600
;       TELEFAX:  (213) 955-0440
;       TELEX:  67-3510
;   INFORMATION FOR SEQ ID NO:  19:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  10
;       TYPE:  amino acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  peptide
JS-08-987-689A-19

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
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Db           4 D 4


RESULT 10
JS-08-987-689A-22
; Sequence 22, Application US/08987689A
; Publication No. US20020048782A1
;  GENERAL INFORMATION:
;     APPLICANT:  Sima Lev
;     APPLICANT:  Joseph Schlessinger
;     TITLE OF INVENTION:  PYK2 RELATED PRODUCTS AND METHODS
;     NUMBER OF SEQUENCES:  32
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Lyon & Lyon
;       STREET:  633 West Fifth Street
;       CITY:  Los Angeles
;       STATE:  California
;       COUNTRY:  USA
;       ZIP:  90071
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  3.5" Diskette, 1.44 Mb storage
;       COMPUTER:  IBM Compatible
;       OPERATING SYSTEM:  IBM P.C. DOS 5.0
;       SOFTWARE:  FastSEQ for Windows Version 2.0
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/987,689A
;       FILING DATE:  December 9, 1997
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  60/032,824
;       FILING DATE:  December 11, 1996
;       APPLICATION NUMBER:  08/460,626
;       FILING DATE:  June 2, 1995
;       APPLICATION NUMBER:  08/357,642
;       FILING DATE:  December 15, 1994
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Warburg, Richard J.
;       REGISTRATION NUMBER:  32,327
;       REFERENCE/DOCKET NUMBER:  230/110
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (213) 489-1600
;       TELEFAX:  (213) 955-0440
;       TELEX:  67-3510
;   INFORMATION FOR SEQ ID NO:  22:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  10
;       TYPE:  amino acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  peptide
US-08-987-689A-22

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
               |
Db           4 D 4


RESULT 11
US-08-902-572-34
; Sequence 34, Application US/08902572
; Publication No. US20020068706A1
;  GENERAL INFORMATION:
;     APPLICANT:  Gyuris, Jeno
;     APPLICANT:  Lamphere, Lou
;     APPLICANT:  Beach, David H.
;     TITLE OF INVENTION:  INHIBITORS OF CELL-CYCLE PROGRESSION AND
;     TITLE OF INVENTION:  RELATED THERETO
;     NUMBER OF SEQUENCES:  34
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  FOLEY, HOAG & ELIOT LLP
;       STREET:  One Post Office Square
;       CITY:  Boston
;       STATE:  MA
;       COUNTRY:  USA
;       ZIP:  02109-2170
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.30
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/902,572
;       FILING DATE:  29-JUL-1997
;       CLASSIFICATION:  514
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Vincent, Matthew P.
;       REGISTRATION NUMBER:  36,709
;       REFERENCE/DOCKET NUMBER:  MIV-069.03
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  617-832-1000
;       TELEFAX:  617-832-7000
;   INFORMATION FOR SEQ ID NO:  34:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  10 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  peptide
US-08-902-572-34

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
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 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

)y         10 D 10
            |
)b          2 D 2


!ESULT 12
/S-08-452-843A-20
 Sequence 20, Application US/08452843A
 Publication No. US20020098197A1
 GENERAL INFORMATION:
  APPLICANT: Sette, Alessandro
  APPLICANT:  Sidney, John
  TITLE OF INVENTION: HLA Binding Peptides and Their Uses
  FILE REFERENCE: 399632001321
  CURRENT APPLICATION NUMBER: US/08/452,843A
  CURRENT FILING DATE:  1995-05-03
  PRIOR APPLICATION NUMBER: US 08/344,824
  PRIOR FILING DATE: 1994-11-23
  PRIOR APPLICATION NUMBER: US 08/278,634
  PRIOR FILING DATE: 1994-07-21
  NUMBER OF SEQ ID NOS: 30
  SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 20
   LENGTH: 10
   TYPE: PRT
   ORGANISM: Artificial Sequence
   FEATURE:
   OTHER INFORMATION: p53, 321-330
'S-08-452-843A-20

 Query Match             33.3%;  Score 6;  DB 8;  Length 10;
 Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          10 D 10
             |
b           4 D 4


ESULT 13
S-08-854-825-1
 Sequence 1, Application US/08854825
 Publication No. US20020115061A1
  GENERAL INFORMATION:
    APPLICANT:  Chisari, Francis V.
    APPLICANT:  Cerny, Andreas
    TITLE OF INVENTION:  PEPTIDES FOR INDUCING CYTOTOXIC T
    TITLE OF INVENTION:  LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS
    NUMBER OF SEQUENCES:  55
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  Leydig, Voit & Mayer
      STREET:  Two Prudential Plaza, Suite 4900
      CITY:  Chicago
      STATE:  IL
      COUNTRY:  USA
      ZIP:  60601
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Floppy disk
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  PatentIn Release #1.0, Version #1.25
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/854,825
      FILING DATE:
      CLASSIFICATION:  435
    ATTORNEY/AGENT INFORMATION:
      NAME:  Silvert, Donald J.
      REGISTRATION NUMBER:  37552
      REFERENCE/DOCKET NUMBER:  61230
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  (312) 616-5600
      TELEFAX:  (312) 616-5700
      TELEX:  25-3533
  INFORMATION FOR SEQ ID NO:  1:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  10 amino acids
      TYPE:  amino acid
      STRANDEDNESS:  single
      TOPOLOGY:  unknown
    MOLECULE TYPE:  peptide
US-08-854-825-1

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 D 10
             |
Db          2 D 2


RESULT 14
US-08-854-825-3
; Sequence 3, Application US/08854825
; Publication No. US20020115061A1
;  GENERAL INFORMATION:
;    APPLICANT:  Chisari, Francis V.
;    APPLICANT:  Cerny, Andreas
;    TITLE OF INVENTION:  PEPTIDES FOR INDUCING CYTOTOXIC T
;    TITLE OF INVENTION:  LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS
;    NUMBER OF SEQUENCES:  55
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Leydig, Voit & Mayer
;      STREET:  Two Prudential Plaza, Suite 4900
;      CITY:  Chicago
;      STATE:  IL
;      COUNTRY:  USA
;      ZIP:  60601
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/854,825
;      FILING DATE:
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Silvert, Donald J.
;      REGISTRATION NUMBER:  37552
;      REFERENCE/DOCKET NUMBER:  61230
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (312) 616-5600
;      TELEFAX:  (312) 616-5700
;      TELEX:  25-3533
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  10 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  peptide
US-08-854-825-3

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 D 10
             |
Db          7 D 7


RESULT 15
```

```
JS-08-854-825-19
; Sequence 19, Application US/08854825
; Publication No. US20020115061A1
;  GENERAL INFORMATION:
;    APPLICANT:  Chisari, Francis V.
;    APPLICANT:  Cerny, Andreas
;    TITLE OF INVENTION:  PEPTIDES FOR INDUCING CYTOTOXIC T
;    TITLE OF INVENTION:  LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS
;    NUMBER OF SEQUENCES:  55
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Leydig, Voit & Mayer
;      STREET:  Two Prudential Plaza, Suite 4900
;      CITY:  Chicago
;      STATE:  IL
;      COUNTRY:  USA
;      ZIP:  60601
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/854,825
;      FILING DATE:
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Silvert, Donald J.
;      REGISTRATION NUMBER:  37552
;      REFERENCE/DOCKET NUMBER:  61230
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (312) 616-5600
;      TELEFAX:  (312) 616-5700
;      TELEX:  25-3533
;  INFORMATION FOR SEQ ID NO:  19:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  10 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  peptide
JS-08-854-825-19

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
               |
Db           1 D 1


RESULT 16
JS-08-854-825-21
; Sequence 21, Application US/08854825
; Publication No. US20020115061A1
;  GENERAL INFORMATION:
;    APPLICANT:  Chisari, Francis V.
;    APPLICANT:  Cerny, Andreas
;    TITLE OF INVENTION:  PEPTIDES FOR INDUCING CYTOTOXIC T
;    TITLE OF INVENTION:  LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS
;    NUMBER OF SEQUENCES:  55
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Leydig, Voit & Mayer
;      STREET:  Two Prudential Plaza, Suite 4900
;      CITY:  Chicago
;      STATE:  IL
;      COUNTRY:  USA
;      ZIP:  60601
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/854,825
;      FILING DATE:
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Silvert, Donald J.
;      REGISTRATION NUMBER:  37552
;      REFERENCE/DOCKET NUMBER:  61230
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (312) 616-5600
;      TELEFAX:  (312) 616-5700
;      TELEX:  25-3533
;  INFORMATION FOR SEQ ID NO:  21:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  10 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  peptide
US-08-854-825-21

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
               |
Db           7 D 7


RESULT 17
US-08-854-825-23
; Sequence 23, Application US/08854825
; Publication No. US20020115061A1
;  GENERAL INFORMATION:
;    APPLICANT:  Chisari, Francis V.
;    APPLICANT:  Cerny, Andreas
;    TITLE OF INVENTION:  PEPTIDES FOR INDUCING CYTOTOXIC T
;    TITLE OF INVENTION:  LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS
;    NUMBER OF SEQUENCES:  55
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Leydig, Voit & Mayer
;      STREET:  Two Prudential Plaza, Suite 4900
;      CITY:  Chicago
;      STATE:  IL
;      COUNTRY:  USA
;      ZIP:  60601
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/854,825
;      FILING DATE:
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Silvert, Donald J.
;      REGISTRATION NUMBER:  37552
;      REFERENCE/DOCKET NUMBER:  61230
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (312) 616-5600
;      TELEFAX:  (312) 616-5700
;      TELEX:  25-3533
;  INFORMATION FOR SEQ ID NO:  23:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  10 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  peptide
US-08-854-825-23
```

```
 Query Match             33.3%;  Score 6;  DB 8;  Length 10;
 Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

)y         10 D 10
              |
)b          6 D 6


!ESULT 18
)S-08-854-825-32
 Sequence 32, Application US/08854825
 Publication No. US20020115061A1
  GENERAL INFORMATION:
    APPLICANT:  Chisari, Francis V.
    APPLICANT:  Cerny, Andreas
    TITLE OF INVENTION:  PEPTIDES FOR INDUCING CYTOTOXIC T
    TITLE OF INVENTION:  LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS
    NUMBER OF SEQUENCES:  55
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  Leydig, Voit & Mayer
      STREET:  Two Prudential Plaza, Suite 4900
      CITY:  Chicago
      STATE:  IL
      COUNTRY:  USA
      ZIP:  60601
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Floppy disk
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  PatentIn Release #1.0, Version #1.25
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/854,825
      FILING DATE:
      CLASSIFICATION:  435
    ATTORNEY/AGENT INFORMATION:
      NAME:  Silvert, Donald J.
      REGISTRATION NUMBER:  37552
      REFERENCE/DOCKET NUMBER:  61230
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  (312) 616-5600
      TELEFAX:  (312) 616-5700
      TELEX:  25-3533
  INFORMATION FOR SEQ ID NO:  32:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  10 amino acids
      TYPE:  amino acid
      STRANDEDNESS:  single
      TOPOLOGY:  unknown
    MOLECULE TYPE:  peptide
'S-08-854-825-32

 Query Match             33.3%;  Score 6;  DB 8;  Length 10;
 Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          10 D 10
              |
b           1 D 1


ESULT 19
S-08-854-825-40
 Sequence 40, Application US/08854825
 Publication No. US20020115061A1
  GENERAL INFORMATION:
    APPLICANT:  Chisari, Francis V.
    APPLICANT:  Cerny, Andreas
    TITLE OF INVENTION:  PEPTIDES FOR INDUCING CYTOTOXIC T
    TITLE OF INVENTION:  LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS
    NUMBER OF SEQUENCES:  55
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  Leydig, Voit & Mayer
      STREET:  Two Prudential Plaza, Suite 4900
      CITY:  Chicago
      STATE:  IL
      COUNTRY:  USA
      ZIP:  60601
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Floppy disk
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  PatentIn Release #1.0, Version #1.25
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/854,825
      FILING DATE:
      CLASSIFICATION:  435
    ATTORNEY/AGENT INFORMATION:
      NAME:  Silvert, Donald J.
      REGISTRATION NUMBER:  37552
      REFERENCE/DOCKET NUMBER:  61230
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  (312) 616-5600
      TELEFAX:  (312) 616-5700
      TELEX:  25-3533
  INFORMATION FOR SEQ ID NO:  40:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  10 amino acids
      TYPE:  amino acid
      STRANDEDNESS:  single
      TOPOLOGY:  unknown
    MOLECULE TYPE:  peptide
US-08-854-825-40

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
               |
Db           9 D 9


RESULT 20
US-08-854-825-44
; Sequence 44, Application US/08854825
; Publication No. US20020115061A1
;  GENERAL INFORMATION:
;    APPLICANT:  Chisari, Francis V.
;    APPLICANT:  Cerny, Andreas
;    TITLE OF INVENTION:  PEPTIDES FOR INDUCING CYTOTOXIC T
;    TITLE OF INVENTION:  LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS
;    NUMBER OF SEQUENCES:  55
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Leydig, Voit & Mayer
;      STREET:  Two Prudential Plaza, Suite 4900
;      CITY:  Chicago
;      STATE:  IL
;      COUNTRY:  USA
;      ZIP:  60601
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/854,825
;      FILING DATE:
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Silvert, Donald J.
;      REGISTRATION NUMBER:  37552
;      REFERENCE/DOCKET NUMBER:  61230
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (312) 616-5600
;      TELEFAX:  (312) 616-5700
```

```
;       TELEX:  25-3533
;  INFORMATION FOR SEQ ID NO:  44:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  10 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  peptide
US-08-854-825-44

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 D 10
              |
Db          1 D 1


RESULT 21
US-08-854-825-47
; Sequence 47, Application US/08854825
; Publication No. US20020115061A1
;  GENERAL INFORMATION:
;    APPLICANT:  Chisari, Francis V.
;    APPLICANT:  Cerny, Andreas
;    TITLE OF INVENTION:  PEPTIDES FOR INDUCING CYTOTOXIC T
;    TITLE OF INVENTION:  LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS
;    NUMBER OF SEQUENCES:  55
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Leydig, Voit & Mayer
;      STREET:  Two Prudential Plaza, Suite 4900
;      CITY:  Chicago
;      STATE:  IL
;      COUNTRY:  USA
;      ZIP:  60601
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/854,825
;      FILING DATE:
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Silvert, Donald J.
;      REGISTRATION NUMBER:  37552
;      REFERENCE/DOCKET NUMBER:  61230
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (312) 616-5600
;      TELEFAX:  (312) 616-5700
;      TELEX:  25-3533
;  INFORMATION FOR SEQ ID NO:  47:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  10 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  peptide
US-08-854-825-47

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 D 10
              |
Db          7 D 7


RESULT 22
US-08-854-825-50
; Sequence 50, Application US/08854825
; Publication No. US20020115061A1
;  GENERAL INFORMATION:
;    APPLICANT:  Chisari, Francis V.
;    APPLICANT:  Cerny, Andreas
;    TITLE OF INVENTION:  PEPTIDES FOR INDUCING CYTOTOXIC T
;    TITLE OF INVENTION:  LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS
;    NUMBER OF SEQUENCES:  55
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Leydig, Voit & Mayer
;      STREET:  Two Prudential Plaza, Suite 4900
;      CITY:  Chicago
;      STATE:  IL
;      COUNTRY:  USA
;      ZIP:  60601
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/854,825
;      FILING DATE:
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Silvert, Donald J.
;      REGISTRATION NUMBER:  37552
;      REFERENCE/DOCKET NUMBER:  61230
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (312) 616-5600
;      TELEFAX:  (312) 616-5700
;      TELEX:  25-3533
;  INFORMATION FOR SEQ ID NO:  50:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  10 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  peptide
US-08-854-825-50

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 D 10
              |
Db          6 D 6


RESULT 23
US-08-854-825-55
; Sequence 55, Application US/08854825
; Publication No. US20020115061A1
;  GENERAL INFORMATION:
;    APPLICANT:  Chisari, Francis V.
;    APPLICANT:  Cerny, Andreas
;    TITLE OF INVENTION:  PEPTIDES FOR INDUCING CYTOTOXIC T
;    TITLE OF INVENTION:  LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS
;    NUMBER OF SEQUENCES:  55
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Leydig, Voit & Mayer
;      STREET:  Two Prudential Plaza, Suite 4900
;      CITY:  Chicago
;      STATE:  IL
;      COUNTRY:  USA
;      ZIP:  60601
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
```

```
      APPLICATION NUMBER:  US/08/854,825
      FILING DATE:
      CLASSIFICATION:  435
    ATTORNEY/AGENT INFORMATION:
      NAME:  Silvert, Donald J.
      REGISTRATION NUMBER:  37552
      REFERENCE/DOCKET NUMBER:  61230
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  (312) 616-5600
      TELEFAX:  (312) 616-5700
      TELEX:  25-3533
  INFORMATION FOR SEQ ID NO:  55:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  10 amino acids
      TYPE:  amino acid
      STRANDEDNESS:  single
      TOPOLOGY:  unknown
    MOLECULE TYPE:  peptide
S-08-854-825-55

 Query Match             33.3%;  Score 6;  DB 8;  Length 10;
 Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y         10 D 10
            |
b          7 D 7


ESULT 24
S-08-424-550B-250
 Sequence 250, Application US/08424550B
 Publication No. US20020119447A1
  GENERAL INFORMATION:
    APPLICANT:  JOHN N. SIMONS
    APPLICANT:  TAMI J. PILOT-MATIAS
    APPLICANT:  GEORGE J. DAWSON
    APPLICANT:  GEORGE G. SCHLAUDER
    APPLICANT:  SURESH M. DESAI
    APPLICANT:  THOMAS P. LEARY
    APPLICANT:  ANTHONY SCOTT MUERHOFF
    APPLICANT:  JAMES C. ERKER
    APPLICANT:  SHERI L. BUIJK
    APPLICANT:  ISA K. MUSHAHWAR
    TITLE OF INVENTION:  NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
    TITLE OF INVENTION:  REAGENTS AND METHODS FOR THEIR USE
    NUMBER OF SEQUENCES:  716
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  ABBOTT LABORATORIES  D377/AP6D
      STREET:  100 ABBOTT PARK ROAD
      CITY:  ABBOTT PARK
      STATE:  IL
      COUNTRY:  USA
      ZIP:  60064-3500
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Floppy disk
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  PatentIn Release #1.0, Version #1.25
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/424,550B
      FILING DATE:
      CLASSIFICATION:  435435
    ATTORNEY/AGENT INFORMATION:
      NAME:  POREMBSKI, PRISCILLA E.
      REGISTRATION NUMBER:  33,207
      REFERENCE/DOCKET NUMBER:  5527.PC.01
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  708-937-6365
      TELEFAX:  708-938-2623
  INFORMATION FOR SEQ ID NO:  250:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  10 amino acids
;     TYPE:  amino acid
;     TOPOLOGY:  linear
;   MOLECULE TYPE:  protein
US-08-424-550B-250

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 D 10
             |
Db          3 D 3


RESULT 25
US-08-424-550B-372
; Sequence 372, Application US/08424550B
; Publication No. US20020119447A1
;  GENERAL INFORMATION:
;    APPLICANT:  JOHN N. SIMONS
;    APPLICANT:  TAMI J. PILOT-MATIAS
;    APPLICANT:  GEORGE J. DAWSON
;    APPLICANT:  GEORGE G. SCHLAUDER
;    APPLICANT:  SURESH M. DESAI
;    APPLICANT:  THOMAS P. LEARY
;    APPLICANT:  ANTHONY SCOTT MUERHOFF
;    APPLICANT:  JAMES C. ERKER
;    APPLICANT:  SHERI L. BUIJK
;    APPLICANT:  ISA K. MUSHAHWAR
;    TITLE OF INVENTION:  NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
;    TITLE OF INVENTION:  REAGENTS AND METHODS FOR THEIR USE
;    NUMBER OF SEQUENCES:  716
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  ABBOTT LABORATORIES  D377/AP6D
;      STREET:  100 ABBOTT PARK ROAD
;      CITY:  ABBOTT PARK
;      STATE:  IL
;      COUNTRY:  USA
;      ZIP:  60064-3500
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/424,550B
;      FILING DATE:
;      CLASSIFICATION:  435435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  POREMBSKI, PRISCILLA E.
;      REGISTRATION NUMBER:  33,207
;      REFERENCE/DOCKET NUMBER:  5527.PC.01
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  708-937-6365
;      TELEFAX:  708-938-2623
;  INFORMATION FOR SEQ ID NO:  372:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  10 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-424-550B-372

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 D 10
             |
Db         10 D 10


RESULT 26
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US-08-424-550B-576
; Sequence 576, Application US/08424550B
; Publication No. US20020119447A1
; GENERAL INFORMATION:
;    APPLICANT:  JOHN N. SIMONS
;    APPLICANT:  TAMI J. PILOT-MATIAS
;    APPLICANT:  GEORGE J. DAWSON
;    APPLICANT:  GEORGE G. SCHLAUDER
;    APPLICANT:  SURESH M. DESAI
;    APPLICANT:  THOMAS P. LEARY
;    APPLICANT:  ANTHONY SCOTT MUERHOFF
;    APPLICANT:  JAMES C. ERKER
;    APPLICANT:  SHERI L. BUIJK
;    APPLICANT:  ISA K. MUSHAHWAR
;    TITLE OF INVENTION:  NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
;    TITLE OF INVENTION:  REAGENTS AND METHODS FOR THEIR USE
;    NUMBER OF SEQUENCES:  716
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  ABBOTT LABORATORIES  D377/AP6D
;      STREET:  100 ABBOTT PARK ROAD
;      CITY:  ABBOTT PARK
;      STATE:  IL
;      COUNTRY:  USA
;      ZIP:  60064-3500
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/424,550B
;      FILING DATE:
;      CLASSIFICATION:  435435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  POREMBSKI, PRISCILLA E.
;      REGISTRATION NUMBER:  33,207
;      REFERENCE/DOCKET NUMBER:  5527.PC.01
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  708-937-6365
;      TELEFAX:  708-938-2623
;  INFORMATION FOR SEQ ID NO:  576:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  10 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-424-550B-576

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
               |
Db           1 D 1


RESULT 27
US-08-821-739A-29
; Sequence 29, Application US/08821739A
; Publication No. US20020168374A1
; GENERAL INFORMATION:
;  APPLICANT: Kubo, Ralph  T.
;  APPLICANT:  Grey, Howard M.
;  APPLICANT:  Sette, Alessandro
;  APPLICANT:  Celis, Esteban
;  TITLE OF INVENTION: HLA Binding Peptides and Their Uses
;  FILE REFERENCE: 2060.005000A
;  CURRENT APPLICATION NUMBER: US/08/821,739A
;  CURRENT FILING DATE:  1999-03-20
;  PRIOR APPLICATION NUMBER: 60/013,833
;  PRIOR FILING DATE: 1996-03-21
;  PRIOR APPLICATION NUMBER: 08/589,107
;  PRIOR FILING DATE: 1996-07-12
;  PRIOR APPLICATION NUMBER: 08/451,913
;  PRIOR FILING DATE: 1995-05-26
;  PRIOR APPLICATION NUMBER: 08/347,610
;  PRIOR FILING DATE: 1994-12-01
;  PRIOR APPLICATION NUMBER: 08/186,266
;  PRIOR FILING DATE: 1994-01-25
;  PRIOR APPLICATION NUMBER: 08/159,339
;  PRIOR FILING DATE: 1993-11-29
;  PRIOR APPLICATION NUMBER: 08/103,396
;  PRIOR FILING DATE: 1993-08-06
;  PRIOR APPLICATION NUMBER: 08/027,746
;  PRIOR FILING DATE: 1993-03-05
;  PRIOR APPLICATION NUMBER: 07/926,666
;  PRIOR FILING DATE: 1992-08-07
;  NUMBER OF SEQ ID NOS: 149
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 29
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-08-821-739A-29

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
               |
Db           3 D 3


RESULT 28
US-08-821-739A-63
; Sequence 63, Application US/08821739A
; Publication No. US20020168374A1
; GENERAL INFORMATION:
;  APPLICANT: Kubo, Ralph  T.
;  APPLICANT:  Grey, Howard M.
;  APPLICANT:  Sette, Alessandro
;  APPLICANT:  Celis, Esteban
;  TITLE OF INVENTION: HLA Binding Peptides and Their Uses
;  FILE REFERENCE: 2060.005000A
;  CURRENT APPLICATION NUMBER: US/08/821,739A
;  CURRENT FILING DATE:  1999-03-20
;  PRIOR APPLICATION NUMBER: 60/013,833
;  PRIOR FILING DATE: 1996-03-21
;  PRIOR APPLICATION NUMBER: 08/589,107
;  PRIOR FILING DATE: 1996-07-12
;  PRIOR APPLICATION NUMBER: 08/451,913
;  PRIOR FILING DATE: 1995-05-26
;  PRIOR APPLICATION NUMBER: 08/347,610
;  PRIOR FILING DATE: 1994-12-01
;  PRIOR APPLICATION NUMBER: 08/186,266
;  PRIOR FILING DATE: 1994-01-25
;  PRIOR APPLICATION NUMBER: 08/159,339
;  PRIOR FILING DATE: 1993-11-29
;  PRIOR APPLICATION NUMBER: 08/103,396
;  PRIOR FILING DATE: 1993-08-06
;  PRIOR APPLICATION NUMBER: 08/027,746
;  PRIOR FILING DATE: 1993-03-05
;  PRIOR APPLICATION NUMBER: 07/926,666
;  PRIOR FILING DATE: 1992-08-07
;  NUMBER OF SEQ ID NOS: 149
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 63
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-08-821-739A-63

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
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```
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
              |
Db           3 D 3


RESULT 29
US-08-821-739A-64
  Sequence 64, Application US/08821739A
  Publication No. US20020168374A1
  GENERAL INFORMATION:
    APPLICANT: Kubo, Ralph  T.
    APPLICANT:  Grey, Howard M.
    APPLICANT:  Sette, Alessandro
    APPLICANT:  Celis, Esteban
    TITLE OF INVENTION: HLA Binding Peptides and Their Uses
    FILE REFERENCE: 2060.005000A
    CURRENT APPLICATION NUMBER: US/08/821,739A
    CURRENT FILING DATE:  1999-03-20
    PRIOR APPLICATION NUMBER: 60/013,833
    PRIOR FILING DATE: 1996-03-21
    PRIOR APPLICATION NUMBER: 08/589,107
    PRIOR FILING DATE: 1996-07-12
    PRIOR APPLICATION NUMBER: 08/451,913
    PRIOR FILING DATE: 1995-05-26
    PRIOR APPLICATION NUMBER: 08/347,610
    PRIOR FILING DATE: 1994-12-01
    PRIOR APPLICATION NUMBER: 08/186,266
    PRIOR FILING DATE: 1994-01-25
    PRIOR APPLICATION NUMBER: 08/159,339
    PRIOR FILING DATE: 1993-11-29
    PRIOR APPLICATION NUMBER: 08/103,396
    PRIOR FILING DATE: 1993-08-06
    PRIOR APPLICATION NUMBER: 08/027,746
    PRIOR FILING DATE: 1993-03-05
    PRIOR APPLICATION NUMBER: 07/926,666
    PRIOR FILING DATE: 1992-08-07
    NUMBER OF SEQ ID NOS: 149
    SOFTWARE: PatentIn version 3.1
  SEQ ID NO 64
    LENGTH: 10
    TYPE: PRT
    ORGANISM: Homo sapiens
US-08-821-739A-64

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
              |
Db           1 D 1


RESULT 30
US-08-821-739A-89
; Sequence 89, Application US/08821739A
; Publication No. US20020168374A1
; GENERAL INFORMATION:
;  APPLICANT: Kubo, Ralph  T.
;  APPLICANT:  Grey, Howard M.
;  APPLICANT:  Sette, Alessandro
;  APPLICANT:  Celis, Esteban
;  TITLE OF INVENTION: HLA Binding Peptides and Their Uses
;  FILE REFERENCE: 2060.005000A
;  CURRENT APPLICATION NUMBER: US/08/821,739A
;  CURRENT FILING DATE:  1999-03-20
;  PRIOR APPLICATION NUMBER: 60/013,833
;  PRIOR FILING DATE: 1996-03-21
;  PRIOR APPLICATION NUMBER: 08/589,107
;  PRIOR FILING DATE: 1996-07-12
;  PRIOR APPLICATION NUMBER: 08/451,913
;  PRIOR FILING DATE: 1995-05-26
;  PRIOR APPLICATION NUMBER: 08/347,610
;  PRIOR FILING DATE: 1994-12-01
;  PRIOR APPLICATION NUMBER: 08/186,266
;  PRIOR FILING DATE: 1994-01-25
;  PRIOR APPLICATION NUMBER: 08/159,339
;  PRIOR FILING DATE: 1993-11-29
;  PRIOR APPLICATION NUMBER: 08/103,396
;  PRIOR FILING DATE: 1993-08-06
;  PRIOR APPLICATION NUMBER: 08/027,746
;  PRIOR FILING DATE: 1993-03-05
;  PRIOR APPLICATION NUMBER: 07/926,666
;  PRIOR FILING DATE: 1992-08-07
;  NUMBER OF SEQ ID NOS: 149
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 89
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-08-821-739A-89

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
              |
Db           8 D 8


RESULT 31
US-08-821-739A-91
; Sequence 91, Application US/08821739A
; Publication No. US20020168374A1
; GENERAL INFORMATION:
;  APPLICANT: Kubo, Ralph  T.
;  APPLICANT:  Grey, Howard M.
;  APPLICANT:  Sette, Alessandro
;  APPLICANT:  Celis, Esteban
;  TITLE OF INVENTION: HLA Binding Peptides and Their Uses
;  FILE REFERENCE: 2060.005000A
;  CURRENT APPLICATION NUMBER: US/08/821,739A
;  CURRENT FILING DATE:  1999-03-20
;  PRIOR APPLICATION NUMBER: 60/013,833
;  PRIOR FILING DATE: 1996-03-21
;  PRIOR APPLICATION NUMBER: 08/589,107
;  PRIOR FILING DATE: 1996-07-12
;  PRIOR APPLICATION NUMBER: 08/451,913
;  PRIOR FILING DATE: 1995-05-26
;  PRIOR APPLICATION NUMBER: 08/347,610
;  PRIOR FILING DATE: 1994-12-01
;  PRIOR APPLICATION NUMBER: 08/186,266
;  PRIOR FILING DATE: 1994-01-25
;  PRIOR APPLICATION NUMBER: 08/159,339
;  PRIOR FILING DATE: 1993-11-29
;  PRIOR APPLICATION NUMBER: 08/103,396
;  PRIOR FILING DATE: 1993-08-06
;  PRIOR APPLICATION NUMBER: 08/027,746
;  PRIOR FILING DATE: 1993-03-05
;  PRIOR APPLICATION NUMBER: 07/926,666
;  PRIOR FILING DATE: 1992-08-07
;  NUMBER OF SEQ ID NOS: 149
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 91
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-08-821-739A-91

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
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Qy          10 D 10
                |
Db           6 D 6


RESULT 32
US-08-821-739A-93
; Sequence 93, Application US/08821739A
; Publication No. US20020168374A1
; GENERAL INFORMATION:
;  APPLICANT: Kubo, Ralph  T.
;  APPLICANT:  Grey, Howard M.
;  APPLICANT:  Sette, Alessandro
;  APPLICANT:  Celis, Esteban
;  TITLE OF INVENTION: HLA Binding Peptides and Their Uses
;  FILE REFERENCE: 2060.005000A
;  CURRENT APPLICATION NUMBER: US/08/821,739A
;  CURRENT FILING DATE:  1999-03-20
;  PRIOR APPLICATION NUMBER: 60/013,833
;  PRIOR FILING DATE: 1996-03-21
;  PRIOR APPLICATION NUMBER: 08/589,107
;  PRIOR FILING DATE: 1996-07-12
;  PRIOR APPLICATION NUMBER: 08/451,913
;  PRIOR FILING DATE: 1995-05-26
;  PRIOR APPLICATION NUMBER: 08/347,610
;  PRIOR FILING DATE: 1994-12-01
;  PRIOR APPLICATION NUMBER: 08/186,266
;  PRIOR FILING DATE: 1994-01-25
;  PRIOR APPLICATION NUMBER: 08/159,339
;  PRIOR FILING DATE: 1993-11-29
;  PRIOR APPLICATION NUMBER: 08/103,396
;  PRIOR FILING DATE: 1993-08-06
;  PRIOR APPLICATION NUMBER: 08/027,746
;  PRIOR FILING DATE: 1993-03-05
;  PRIOR APPLICATION NUMBER: 07/926,666
;  PRIOR FILING DATE: 1992-08-07
;  NUMBER OF SEQ ID NOS: 149
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 93
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-08-821-739A-93

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
                |
Db           4 D 4


RESULT 33
US-08-821-739A-100
; Sequence 100, Application US/08821739A
; Publication No. US20020168374A1
; GENERAL INFORMATION:
;  APPLICANT: Kubo, Ralph  T.
;  APPLICANT:  Grey, Howard M.
;  APPLICANT:  Sette, Alessandro
;  APPLICANT:  Celis, Esteban
;  TITLE OF INVENTION: HLA Binding Peptides and Their Uses
;  FILE REFERENCE: 2060.005000A
;  CURRENT APPLICATION NUMBER: US/08/821,739A
;  CURRENT FILING DATE:  1999-03-20
;  PRIOR APPLICATION NUMBER: 60/013,833
;  PRIOR FILING DATE: 1996-03-21
;  PRIOR APPLICATION NUMBER: 08/589,107
;  PRIOR FILING DATE: 1996-07-12
;  PRIOR APPLICATION NUMBER: 08/451,913
;  PRIOR FILING DATE: 1995-05-26
;  PRIOR APPLICATION NUMBER: 08/347,610
;  PRIOR FILING DATE: 1994-12-01
;  PRIOR APPLICATION NUMBER: 08/186,266
;  PRIOR FILING DATE: 1994-01-25
;  PRIOR APPLICATION NUMBER: 08/159,339
;  PRIOR FILING DATE: 1993-11-29
;  PRIOR APPLICATION NUMBER: 08/103,396
;  PRIOR FILING DATE: 1993-08-06
;  PRIOR APPLICATION NUMBER: 08/027,746
;  PRIOR FILING DATE: 1993-03-05
;  PRIOR APPLICATION NUMBER: 07/926,666
;  PRIOR FILING DATE: 1992-08-07
;  NUMBER OF SEQ ID NOS: 149
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 100
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-08-821-739A-100

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
                |
Db           1 D 1


RESULT 34
US-08-821-739A-107
; Sequence 107, Application US/08821739A
; Publication No. US20020168374A1
; GENERAL INFORMATION:
;  APPLICANT: Kubo, Ralph  T.
;  APPLICANT:  Grey, Howard M.
;  APPLICANT:  Sette, Alessandro
;  APPLICANT:  Celis, Esteban
;  TITLE OF INVENTION: HLA Binding Peptides and Their Uses
;  FILE REFERENCE: 2060.005000A
;  CURRENT APPLICATION NUMBER: US/08/821,739A
;  CURRENT FILING DATE:  1999-03-20
;  PRIOR APPLICATION NUMBER: 60/013,833
;  PRIOR FILING DATE: 1996-03-21
;  PRIOR APPLICATION NUMBER: 08/589,107
;  PRIOR FILING DATE: 1996-07-12
;  PRIOR APPLICATION NUMBER: 08/451,913
;  PRIOR FILING DATE: 1995-05-26
;  PRIOR APPLICATION NUMBER: 08/347,610
;  PRIOR FILING DATE: 1994-12-01
;  PRIOR APPLICATION NUMBER: 08/186,266
;  PRIOR FILING DATE: 1994-01-25
;  PRIOR APPLICATION NUMBER: 08/159,339
;  PRIOR FILING DATE: 1993-11-29
;  PRIOR APPLICATION NUMBER: 08/103,396
;  PRIOR FILING DATE: 1993-08-06
;  PRIOR APPLICATION NUMBER: 08/027,746
;  PRIOR FILING DATE: 1993-03-05
;  PRIOR APPLICATION NUMBER: 07/926,666
;  PRIOR FILING DATE: 1992-08-07
;  NUMBER OF SEQ ID NOS: 149
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 107
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-08-821-739A-107

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          10 D 10
                |
```

```
b          4 D 4


ESULT 35
S-08-841-636A-13
 Sequence 13, Application US/08841636A
 Publication No. US20020168751A1
  GENERAL INFORMATION:
    APPLICANT:  Miettinen-Oinonen, Arja
    APPLICANT:  Londesborough, John
    APPLICANT:  Vehmaanper , Jari
    APPLICANT:  Haakana, Heli
    APPLICANT:  M ntyl , Arja
    APPLICANT:  Lantto, Raija
    APPLICANT:  Elovainio, Minna
    APPLICANT:  Joutsjoki, Vesa
    APPLICANT:  Paloheimo, Marja
    APPLICANT:  Suominen, Pirkko
    TITLE OF INVENTION:  NOVEL CELLULASES, THE GENES ENCODING THEM AND
    TITLE OF INVENTION:  USES THEREOF
    NUMBER OF SEQUENCES:  45
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  Sterne, Kessler, Goldstein & Fox P.L.L.C.
      STREET:  1100 New York Avenue, N.W., Suite 600
      CITY:  Washington
      STATE:  D.C.
      COUNTRY:  USA
      ZIP:  20005
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Diskette, 3.50 inch
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  PatentIn Release #1.0, Version #1.30 (EPO)
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/841,636A
      FILING DATE:  30-APR-1997
      CLASSIFICATION:  435
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  US 60/005,335
      FILING DATE:  17-OCT-1995
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  US 60/007,926
      FILING DATE:  04-DEC-1995
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  US 60/020,840
      FILING DATE:  28-JUN-1996
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  US 08/732,181
      FILING DATE:  16-OCT-1996
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  PCT/FI96/00550
      FILING DATE:  17-OCT-1996
    ATTORNEY/AGENT INFORMATION:
      NAME:  Timothy J. Shea, Jr.
      REGISTRATION NUMBER:  41,306
      REFERENCE/DOCKET NUMBER:  1716.0510005/MAC/TJS
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  (202)371-2600
      TELEFAX:  (202)371-2540
  INFORMATION FOR SEQ ID NO:  13:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  10 amino acids
      TYPE:  amino acid
      STRANDEDNESS:
      TOPOLOGY:  linear
    MOLECULE TYPE:  peptide
    ORIGINAL SOURCE:
      ORGANISM:  Melanocarpus albomyces
      STRAIN:  ALKO4237
    FEATURE:
      NAME/KEY:  Peptide
      LOCATION:  1..10
      OTHER INFORMATION:  /label= No. US20020168751A1507
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US-08-841-636A-13

  Query Match             33.3%;  Score 6;  DB 8;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 7.9e+04;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         10 D 10
              |
Db          5 D 5


Search completed: March 18, 2004, 07:54:24
Job time : 34.5 secs
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GenCore version 5.1.6

M protein - protein search, using sw model

un on: March 18, 2004, 07:50:08 ; Search time 39 Seconds
(without alignments)
46.479 Million cell updates/sec

itle: US-09-673-274B-44
erfect score: 17
equence: 1 GXXXXXN 7

coring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

earched: 1049977 seqs, 258955339 residues

otal number of hits satisfying chosen parameters: 20648

inimum DB seq length: 7
aximum DB seq length: 7

ost-processing: Minimum Match 0%
Maximum Match 100%
Listing first 50 summaries

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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
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4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
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15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

esult No.	Score	% Query Match	Length	DB	ID	Description
1	10	58.8	7	9	US-09-284-051-2	Sequence 2, Appli
2	10	58.8	7	16	US-10-631-838-2	Sequence 2, Appli
3	9	52.9	7	10	US-09-954-385-42	Sequence 42, Appl
4	9	52.9	7	16	US-10-403-938-29	Sequence 29, Appl
5	8	47.1	7	9	US-09-884-767A-42	Sequence 42, Appl
6	8	47.1	7	9	US-09-884-767A-59	Sequence 59, Appl
7	8	47.1	7	9	US-09-884-767A-82	Sequence 82, Appl
8	8	47.1	7	9	US-09-884-767A-191	Sequence 191, App
9	8	47.1	7	14	US-10-015-979-64	Sequence 64, Appl
10	8	47.1	7	14	US-10-348-232-165	Sequence 165, App
11	8	47.1	7	14	US-10-348-232-172	Sequence 172, App
12	7	41.2	7	9	US-09-884-767A-48	Sequence 48, Appl
13	7	41.2	7	9	US-09-884-767A-118	Sequence 118, App
14	7	41.2	7	10	US-09-792-286-287	Sequence 287, App
15	7	41.2	7	14	US-10-286-457-78	Sequence 78, Appl
16	6	35.3	7	8	US-08-812-393A-51	Sequence 51, Appl
17	6	35.3	7	8	US-08-967-573A-4	Sequence 4, Appli
18	6	35.3	7	8	US-08-967-573A-5	Sequence 5, Appli
19	6	35.3	7	8	US-08-967-573A-12	Sequence 12, Appl
20	6	35.3	7	8	US-08-967-573A-13	Sequence 13, Appl
21	6	35.3	7	8	US-08-967-573A-14	Sequence 14, Appl
22	6	35.3	7	8	US-08-967-573A-15	Sequence 15, Appl
23	6	35.3	7	8	US-08-967-573A-16	Sequence 16, Appl
24	6	35.3	7	8	US-08-967-573A-17	Sequence 17, Appl
25	6	35.3	7	8	US-08-967-573A-18	Sequence 18, Appl
26	6	35.3	7	8	US-08-967-573A-19	Sequence 19, Appl
27	6	35.3	7	8	US-08-967-573A-20	Sequence 20, Appl
28	6	35.3	7	8	US-08-967-573A-21	Sequence 21, Appl
29	6	35.3	7	8	US-08-967-573A-22	Sequence 22, Appl
30	6	35.3	7	8	US-08-801-405B-2	Sequence 2, Appli
31	6	35.3	7	8	US-08-881-509-42	Sequence 42, Appl
32	6	35.3	7	8	US-08-987-756-1	Sequence 1, Appli
33	6	35.3	7	8	US-08-987-756-3	Sequence 3, Appli
34	6	35.3	7	8	US-08-681-219-2	Sequence 2, Appli
35	6	35.3	7	8	US-08-681-219-23	Sequence 23, Appl
36	6	35.3	7	8	US-08-871-076-1	Sequence 1, Appli
37	6	35.3	7	8	US-08-981-824-39	Sequence 39, Appl
38	6	35.3	7	8	US-08-981-824-41	Sequence 41, Appl
39	6	35.3	7	8	US-08-592-711-7	Sequence 7, Appli
40	6	35.3	7	8	US-08-592-711-10	Sequence 10, Appl
41	6	35.3	7	8	US-08-592-711-11	Sequence 11, Appl
42	6	35.3	7	8	US-08-424-550B-232	Sequence 232, App
43	6	35.3	7	8	US-08-424-550B-355	Sequence 355, App
44	6	35.3	7	8	US-08-424-550B-370	Sequence 370, App
45	6	35.3	7	8	US-08-424-550B-378	Sequence 378, App
46	6	35.3	7	8	US-08-424-550B-530	Sequence 530, App
47	6	35.3	7	8	US-08-841-636A-2	Sequence 2, Appli
48	6	35.3	7	8	US-08-779-457-41	Sequence 41, Appl
49	6	35.3	7	8	US-08-982-965-8	Sequence 8, Appli
50	6	35.3	7	8	US-08-464-363-65	Sequence 65, Appl

ALIGNMENTS

RESULT 1
US-09-284-051-2
; Sequence 2, Application US/09284051A
; Patent No. US20020031531A1
; GENERAL INFORMATION:
; APPLICANT: Giulio Tarro
; TITLE OF INVENTION: Immunogenic TLP Composition
; FILE REFERENCE: 32408 PCT USA 072900
; CURRENT APPLICATION NUMBER: US/09/284,051A
; CURRENT FILING DATE: 1999-06-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (4)...(0)
; OTHER INFORMATION: Xaa at position 4 can be any amino acid, this
; OTHER INFORMATION: sequence is the same as Seq ID N2 of WO A 001458
US-09-284-051-2

Query Match 58.8%; Score 10; DB 9; Length 7;
Best Local Similarity 42.9%; Pred. No. 9.2e+05;
Matches 3; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GXXXXXN 7
| | |
Db 1 GSAXFTN 7

RESULT 2

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JS-10-631-838-2
; Sequence 2, Application US/10631838
; Publication No. US20040022870A1
; GENERAL INFORMATION:
;  APPLICANT: Tarro, Giulio
;  TITLE OF INVENTION: Immunogenic TLP Composition
;  FILE REFERENCE: A32408-PCT-USA-A (072900.0112)
;  CURRENT APPLICATION NUMBER: US/10/631,838
;  CURRENT FILING DATE:  2003-07-31
;  PRIOR APPLICATION NUMBER: 09/284,051
;  PRIOR FILING DATE: 1999-06-09
;  PRIOR APPLICATION NUMBER: PCT/IT97/00240
;  PRIOR FILING DATE: 1997-10-09
;  PRIOR APPLICATION NUMBER: RM96A000687
;  PRIOR FILING DATE: 1996-10-09
;  NUMBER OF SEQ ID NOS: 4
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
;   LENGTH: 7
;   TYPE: PRT
;   ORGANISM: Homo Sapiens
;   FEATURE:
;   NAME/KEY: VARIANT
;   LOCATION: (4)...(0)
;   OTHER INFORMATION: Xaa at position 4 can be any amino acid, this
;   OTHER INFORMATION: sequence is the same as Seq ID N2 of WO A 001458
JS-10-631-838-2

  Query Match             58.8%;  Score 10;  DB 16;  Length 7;
  Best Local Similarity   42.9%;  Pred. No. 9.2e+05;
  Matches    3;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy          1 GXXXXXN 7
              |  |  |
Db          1 GSAXFTN 7


RESULT 3
JS-09-954-385-42
; Sequence 42, Application US/09954385
; Publication No. US20030100467A1
; GENERAL INFORMATION:
;  APPLICANT: Aehle, Wolfgang
;  APPLICANT:  Baldwin, Toby L.
;  APPLICANT:  Van Gastel, Franciscus J.C.
;  APPLICANT:  Janssen, Giselle G.
;  APPLICANT:  Murray, Christopher J.
;  APPLICANT:  Wang, Huaming
;  APPLICANT:  Winetzky, Deborah S.
;  TITLE OF INVENTION: Binding Phenol Oxidizing Enzyme-peptide
;  TITLE OF INVENTION:  Complexes
;  FILE REFERENCE: GC690
;  CURRENT APPLICATION NUMBER: US/09/954,385
;  CURRENT FILING DATE:  2001-09-12
;  NUMBER OF SEQ ID NOS: 433
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 42
;   LENGTH: 7
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: binding peptide
JS-09-954-385-42

  Query Match             52.9%;  Score 9;  DB 10;  Length 7;
  Best Local Similarity   28.6%;  Pred. No. 9.2e+05;
  Matches    2;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

Qy          1 GXXXXXN 7
              |     |
Db          1 GHSMLTN 7


RESULT 4
US-10-403-938-29
; Sequence 29, Application US/10403938
; Publication No. US20040025195A1
; GENERAL INFORMATION:
;  APPLICANT: Bristol-Myers Squibb Company
;  TITLE OF INVENTION: NOVEL HUMAN CELL SURFACE PROTEIN WITH IMMUNOGLOBULIN FOLDS,
;  TITLE OF INVENTION:  BGS-19
;  FILE REFERENCE: D0227 NP
;  CURRENT APPLICATION NUMBER: US/10/403,938
;  CURRENT FILING DATE:  2003-03-28
;  PRIOR APPLICATION NUMBER: U.S. 60/368,422
;  PRIOR FILING DATE: 2002-03-28
;  NUMBER OF SEQ ID NOS: 88
;  SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29
;   LENGTH: 7
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-403-938-29

  Query Match             52.9%;  Score 9;  DB 16;  Length 7;
  Best Local Similarity   28.6%;  Pred. No. 9.2e+05;
  Matches    2;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

Qy          1 GXXXXXN 7
              |     |
Db          1 GAPVATN 7


RESULT 5
US-09-884-767A-42
; Sequence 42, Application US/09884767A
; Publication No. US20020192789A1
; GENERAL INFORMATION:
;  APPLICANT: DYAX Corp.
;  APPLICANT:  Ley, Arthur C.
;  APPLICANT:  Luneau, Christopher J.
;  APPLICANT:  Ladner, Robert C
;  TITLE OF INVENTION: NOVEL ENTEROKINASE CLEAVAGE SEQUENCES
;  FILE REFERENCE: DYX-012.1 US, DYX-012.1 PCT
;  CURRENT APPLICATION NUMBER: US/09/884,767A
;  CURRENT FILING DATE:  2001-06-19
;  PRIOR APPLICATION NUMBER: US 09/597,321
;  PRIOR FILING DATE: 2000-06-19
;  NUMBER OF SEQ ID NOS: 217
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42
;   LENGTH: 7
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: synthetic enterokinase cleavage sequence
US-09-884-767A-42

  Query Match             47.1%;  Score 8;  DB 9;  Length 7;
  Best Local Similarity   28.6%;  Pred. No. 9.2e+05;
  Matches    2;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

Qy          1 GXXXXXN 7
              |     |
Db          1 GSGGERN 7


RESULT 6
US-09-884-767A-59
; Sequence 59, Application US/09884767A
; Publication No. US20020192789A1
; GENERAL INFORMATION:
;  APPLICANT: DYAX Corp.
;  APPLICANT:  Ley, Arthur C.
;  APPLICANT:  Luneau, Christopher J.
;  APPLICANT:  Ladner, Robert C
```

TITLE OF INVENTION: NOVEL ENTEROKINASE CLEAVAGE SEQUENCES
FILE REFERENCE: DYX-012.1 US, DYX-012.1 PCT
CURRENT APPLICATION NUMBER: US/09/884,767A
CURRENT FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: US 09/597,321
PRIOR FILING DATE: 2000-06-19
NUMBER OF SEQ ID NOS: 217
SOFTWARE: PatentIn version 3.1
SEQ ID NO 59
LENGTH: 7
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic enterokinase cleavage sequence
S-09-884-767A-59

Query Match 47.1%; Score 8; DB 9; Length 7;
Best Local Similarity 28.6%; Pred. No. 9.2e+05;
Matches 2; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

y 1 GXXXXXN 7
b 1 GSGGERN 7

ESULT 7
S-09-884-767A-82
Sequence 82, Application US/09884767A
Publication No. US20020192789A1
GENERAL INFORMATION:
APPLICANT: DYAX Corp.
APPLICANT: Ley, Arthur C.
APPLICANT: Luneau, Christopher J.
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: NOVEL ENTEROKINASE CLEAVAGE SEQUENCES
FILE REFERENCE: DYX-012.1 US, DYX-012.1 PCT
CURRENT APPLICATION NUMBER: US/09/884,767A
CURRENT FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: US 09/597,321
PRIOR FILING DATE: 2000-06-19
NUMBER OF SEQ ID NOS: 217
SOFTWARE: PatentIn version 3.1
SEQ ID NO 82
LENGTH: 7
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic enterokinase cleavage sequence
S-09-884-767A-82

Query Match 47.1%; Score 8; DB 9; Length 7;
Best Local Similarity 28.6%; Pred. No. 9.2e+05;
Matches 2; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

y 1 GXXXXXN 7
b 1 GSGGDRN 7

ESULT 8
S-09-884-767A-191
Sequence 191, Application US/09884767A
Publication No. US20020192789A1
GENERAL INFORMATION:
APPLICANT: DYAX Corp.
APPLICANT: Ley, Arthur C.
APPLICANT: Luneau, Christopher J.
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: NOVEL ENTEROKINASE CLEAVAGE SEQUENCES
FILE REFERENCE: DYX-012.1 US, DYX-012.1 PCT
CURRENT APPLICATION NUMBER: US/09/884,767A
CURRENT FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: US 09/597,321
; PRIOR FILING DATE: 2000-06-19
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 191
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic enterokinase cleavage sequence
US-09-884-767A-191

Query Match 47.1%; Score 8; DB 9; Length 7;
Best Local Similarity 28.6%; Pred. No. 9.2e+05;
Matches 2; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1 GXXXXXN 7
Db 1 GSGGDRN 7

RESULT 9
US-10-015-979-64
; Sequence 64, Application US/10015979
; Publication No. US20030036050A1
; GENERAL INFORMATION:
; APPLICANT: Quax, Wilhelmus J.
; APPLICANT: Verhaert, Raymond M.D.
; APPLICANT: Beekwilder, Martinus J.
; APPLICANT: Aehle, Wolfgang
; TITLE OF INVENTION: Enzyme Selection
; FILE REFERENCE: 2183-5207US
; CURRENT APPLICATION NUMBER: US/10/015,979
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: PCT/NL00/00399
; PRIOR FILING DATE: 2000-06-09
; PRIOR APPLICATION NUMBER: 60/138,443
; PRIOR FILING DATE: 1999-06-10
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: CB4 domain of mutant 19
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (1)..(7)
; OTHER INFORMATION:
US-10-015-979-64

Query Match 47.1%; Score 8; DB 14; Length 7;
Best Local Similarity 28.6%; Pred. No. 9.2e+05;
Matches 2; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1 GXXXXXN 7
Db 1 GGSDRVN 7

RESULT 10
US-10-348-232-165
; Sequence 165, Application US/10348232
; Publication No. US20030186329A1
; GENERAL INFORMATION:
; APPLICANT: Madison, Edwin L.
; APPLICANT: Ke, Song-Hua
; TITLE OF INVENTION: USE OF SUBSTRATE SUBTRACTION LIBRARIES TO DISTINGUISH
; TITLE OF INVENTION: ENZYME SPECIFICITIES
; FILE REFERENCE: TSRI 543.1C1
; CURRENT APPLICATION NUMBER: US/10/348,232
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US 09/202,265

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;  PRIOR FILING DATE: 1999-03-22
;  PRIOR APPLICATION NUMBER: PCT/US97/09760
;  PRIOR FILING DATE: 1997-06-10
;  PRIOR APPLICATION NUMBER: US 60/019,495
;  PRIOR FILING DATE: 1996-06-10
;  NUMBER OF SEQ ID NOS: 244
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 165
;   LENGTH: 7
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-348-232-165

  Query Match             47.1%;  Score 8;  DB 14;  Length 7;
  Best Local Similarity   28.6%;  Pred. No. 9.2e+05;
  Matches    2;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

Qy          1 GXXXXXN 7
              |     |
Db          1 GGRSVNN 7


RESULT 11
US-10-348-232-172
; Sequence 172, Application US/10348232
; Publication No. US20030186329A1
; GENERAL INFORMATION:
;  APPLICANT: Madison, Edwin L.
;  APPLICANT:  Ke, Song-Hua
;  TITLE OF INVENTION: USE OF SUBSTRATE SUBTRACTION LIBRARIES TO DISTINGUISH
;  TITLE OF INVENTION:  ENZYME SPECIFICITIES
;  FILE REFERENCE: TSRI 543.1C1
;  CURRENT APPLICATION NUMBER: US/10/348,232
;  CURRENT FILING DATE:  2003-01-21
;  PRIOR APPLICATION NUMBER: US 09/202,265
;  PRIOR FILING DATE: 1999-03-22
;  PRIOR APPLICATION NUMBER: PCT/US97/09760
;  PRIOR FILING DATE: 1997-06-10
;  PRIOR APPLICATION NUMBER: US 60/019,495
;  PRIOR FILING DATE: 1996-06-10
;  NUMBER OF SEQ ID NOS: 244
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 172
;   LENGTH: 7
;   TYPE: PRT
;   ORGANISM: Homo sapiens
JS-10-348-232-172

  Query Match             47.1%;  Score 8;  DB 14;  Length 7;
  Best Local Similarity   28.6%;  Pred. No. 9.2e+05;
  Matches    2;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

Qy          1 GXXXXXN 7
              |     |
Db          1 GKRVSKN 7


RESULT 12
JS-09-884-767A-48
; Sequence 48, Application US/09884767A
; Publication No. US20020192789A1
; GENERAL INFORMATION:
;  APPLICANT: DYAX Corp.
;  APPLICANT:  Ley, Arthur C.
;  APPLICANT:  Luneau, Christopher J.
;  APPLICANT:  Ladner, Robert C
;  TITLE OF INVENTION: NOVEL ENTEROKINASE CLEAVAGE SEQUENCES
;  FILE REFERENCE: DYX-012.1 US, DYX-012.1 PCT
;  CURRENT APPLICATION NUMBER: US/09/884,767A
;  CURRENT FILING DATE:  2001-06-19
;  PRIOR APPLICATION NUMBER: US 09/597,321
;  PRIOR FILING DATE: 2000-06-19
;  NUMBER OF SEQ ID NOS: 217
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 48
;   LENGTH: 7
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: synthetic enterokinase cleavage sequence
US-09-884-767A-48

  Query Match             41.2%;  Score 7;  DB 9;  Length 7;
  Best Local Similarity   28.6%;  Pred. No. 9.2e+05;
  Matches    2;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

Qy          1 GXXXXXN 7
              |     |
Db          1 GKFEDRN 7


RESULT 13
US-09-884-767A-118
; Sequence 118, Application US/09884767A
; Publication No. US20020192789A1
; GENERAL INFORMATION:
;  APPLICANT: DYAX Corp.
;  APPLICANT:  Ley, Arthur C.
;  APPLICANT:  Luneau, Christopher J.
;  APPLICANT:  Ladner, Robert C
;  TITLE OF INVENTION: NOVEL ENTEROKINASE CLEAVAGE SEQUENCES
;  FILE REFERENCE: DYX-012.1 US, DYX-012.1 PCT
;  CURRENT APPLICATION NUMBER: US/09/884,767A
;  CURRENT FILING DATE:  2001-06-19
;  PRIOR APPLICATION NUMBER: US 09/597,321
;  PRIOR FILING DATE: 2000-06-19
;  NUMBER OF SEQ ID NOS: 217
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 118
;   LENGTH: 7
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: synthetic enterokinase cleavage sequence
US-09-884-767A-118

  Query Match             41.2%;  Score 7;  DB 9;  Length 7;
  Best Local Similarity   28.6%;  Pred. No. 9.2e+05;
  Matches    2;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

Qy          1 GXXXXXN 7
              |     |
Db          1 GGREERN 7


RESULT 14
US-09-792-286-287
; Sequence 287, Application US/09792286
; Publication No. US20030092609A1
; GENERAL INFORMATION:
;  APPLICANT: LARSEN, BJARNE D.
;  APPLICANT:  PETERSEN, JORGEN S.
;  APPLICANT:  MEIER, EDDI
;  APPLICANT:  KJOLBYE, ANNE L.
;  APPLICANT:  JORGENSEN, NIKLAS R.
;  APPLICANT:  NIELSEN, MORTEN S.
;  APPLICANT:  MARTINS, JAMES B.
;  APPLICANT:  HOLSTEIN-RATHLOU, NEILS-HENRIK
;  TITLE OF INVENTION: NOVEL ANTIARRYTHMIC PEPTIDES
;  FILE REFERENCE: 55461-C (45487)
;  CURRENT APPLICATION NUMBER: US/09/792,286
;  CURRENT FILING DATE:  2001-02-22
;  NUMBER OF SEQ ID NOS: 299
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 287
;   LENGTH: 7
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   TYPE: PRT
   ORGANISM: Artificial Sequence
   FEATURE:
   OTHER INFORMATION: Description of Artificial Sequence: Synthetic
   OTHER INFORMATION: antiarrythmic peptide
   NAME/KEY: MOD_RES
   LOCATION: (4)
   OTHER INFORMATION: Hyp
S-09-792-286-287

 Query Match             41.2%;  Score 7;  DB 10;  Length 7;
 Best Local Similarity   42.9%;  Pred. No. 9.2e+05;
 Matches    3;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

y          1 GXXXXXN 7
             | | | |
b          1 GAGXPYN 7


ESULT 15
S-10-286-457-78
 Sequence 78, Application US/10286457
 Publication No. US20030166004A1
 GENERAL INFORMATION:
  APPLICANT: JENO GYURIS et al.
  TITLE OF INVENTION: ENDOTHELIAL-CELL BINDING PEPTIDES FOR DIAGNOSIS AND THERAPY
  FILE REFERENCE: GPCI-P01-178
  CURRENT APPLICATION NUMBER: US/10/286,457
  CURRENT FILING DATE:  2002-11-01
  PRIOR APPLICATION NUMBER: 60/334822
  PRIOR FILING DATE: 2001-11-01
  NUMBER OF SEQ ID NOS: 684
  SOFTWARE: PatentIn version 3.1
 SEQ ID NO 78
   LENGTH: 7
   TYPE: PRT
   ORGANISM: Artificial Sequence
   FEATURE:
   OTHER INFORMATION: artificial sequence isolated from random peptide libraries, based
   OTHER INFORMATION: ability to selectively bind to endothelial cells
S-10-286-457-78

 Query Match             41.2%;  Score 7;  DB 14;  Length 7;
 Best Local Similarity   28.6%;  Pred. No. 9.2e+05;
 Matches    2;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

y          1 GXXXXXN 7
             |   |
b          1 GPLWSSN 7


ESULT 16
S-08-812-393A-51
 Sequence 51, Application US/08812393A
 Publication No. US20010007152A1
  GENERAL INFORMATION:
    APPLICANT:  SHERMAN, Linda A.
    APPLICANT:  LUSTGARTEN, Joseph
    TITLE OF INVENTION:  RECOMBINANT CONSTRUCTS ENCODING
    TITLE OF INVENTION:  T CELL RECEPTORS SPECIFIC FOR HUMAN HLA-RESTRICTED TUMOR
    TITLE OF INVENTION:  ANTIGENS
    NUMBER OF SEQUENCES:  64
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  MORRISON & FOERSTER
      STREET:  2000 Pennsylvania Avenue, NW, suite 5500
      CITY:  Washington
      STATE:  DC
      COUNTRY:  USA
      ZIP:  20006-1888
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Diskette
      COMPUTER:  IBM Compatible
      OPERATING SYSTEM:  DOS
;     SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/812,393A
;      FILING DATE:  05-MAR-1997
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Murashige, Kate H
;      REGISTRATION NUMBER:  29,959
;      REFERENCE/DOCKET NUMBER:  31333-20001.00
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202-887-1500
;      TELEFAX:  202-822-0168
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  51:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  7 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
US-08-812-393A-51

  Query Match             35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         1 G 1
             |
Db         5 G 5


RESULT 17
US-08-967-573A-4
; Sequence 4, Application US/08967573A
; Publication No. US20010048926A1
;  GENERAL INFORMATION:
;    APPLICANT:  Smith, Daniel J.
;    APPLICANT:  Taubman, Martin A.
;    TITLE OF INVENTION:  SYNTHETIC PEPTIDE VACCINES
;    TITLE OF INVENTION:  FOR DENTAL CARIES
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
;      STREET:  Two Militia Drive
;      CITY:  Lexington
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02173
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  FastSEQ for Windows Version 2.0b
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/967,573A
;      FILING DATE:  10-NOV-1997
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/057,162
;      FILING DATE:  30-APR-1993
;      APPLICATION NUMBER:  07/877,295
;      FILING DATE:  01-MAY-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Granahan, Patricia
;      REGISTRATION NUMBER:  32,227
;      REFERENCE/DOCKET NUMBER:  FDC92-01A2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  781-861-6240
;      TELEFAX:  781-861-9540
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  4:
```

```
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  7 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
JS-08-967-573A-4

  Query Match             35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          7 N 7
              |
Db          5 N 5


RESULT 18
JS-08-967-573A-5
; Sequence 5, Application US/08967573A
; Publication No. US20010048926A1
;  GENERAL INFORMATION:
;    APPLICANT:  Smith, Daniel J.
;    APPLICANT:  Taubman, Martin A.
;    TITLE OF INVENTION:  SYNTHETIC PEPTIDE VACCINES
;    TITLE OF INVENTION:  FOR DENTAL CARIES
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
;      STREET:  Two Militia Drive
;      CITY:  Lexington
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02173
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  FastSEQ for Windows Version 2.0b
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/967,573A
;      FILING DATE:  10-NOV-1997
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/057,162
;      FILING DATE:  30-APR-1993
;      APPLICATION NUMBER:  07/877,295
;      FILING DATE:  01-MAY-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Granahan, Patricia
;      REGISTRATION NUMBER:  32,227
;      REFERENCE/DOCKET NUMBER:  FDC92-01A2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  781-861-6240
;      TELEFAX:  781-861-9540
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  5:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  7 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-967-573A-5

  Query Match             35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          7 N 7
              |
Db          4 N 4


RESULT 19
US-08-967-573A-12
; Sequence 12, Application US/08967573A
; Publication No. US20010048926A1
;  GENERAL INFORMATION:
;    APPLICANT:  Smith, Daniel J.
;    APPLICANT:  Taubman, Martin A.
;    TITLE OF INVENTION:  SYNTHETIC PEPTIDE VACCINES
;    TITLE OF INVENTION:  FOR DENTAL CARIES
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
;      STREET:  Two Militia Drive
;      CITY:  Lexington
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02173
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  FastSEQ for Windows Version 2.0b
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/967,573A
;      FILING DATE:  10-NOV-1997
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/057,162
;      FILING DATE:  30-APR-1993
;      APPLICATION NUMBER:  07/877,295
;      FILING DATE:  01-MAY-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Granahan, Patricia
;      REGISTRATION NUMBER:  32,227
;      REFERENCE/DOCKET NUMBER:  FDC92-01A2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  781-861-6240
;      TELEFAX:  781-861-9540
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  12:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  7 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-967-573A-12

  Query Match             35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 G 1
              |
Db          1 G 1


RESULT 20
US-08-967-573A-13
; Sequence 13, Application US/08967573A
; Publication No. US20010048926A1
;  GENERAL INFORMATION:
;    APPLICANT:  Smith, Daniel J.
;    APPLICANT:  Taubman, Martin A.
;    TITLE OF INVENTION:  SYNTHETIC PEPTIDE VACCINES
;    TITLE OF INVENTION:  FOR DENTAL CARIES
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
;      STREET:  Two Militia Drive
;      CITY:  Lexington
;      STATE:  MA
```

```
      COUNTRY:  USA
      ZIP:  02173
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Diskette
      COMPUTER:  IBM Compatible
      OPERATING SYSTEM:  Windows 95
      SOFTWARE:  FastSEQ for Windows Version 2.0b
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/967,573A
      FILING DATE:  10-NOV-1997
      CLASSIFICATION:  424
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  08/057,162
      FILING DATE:  30-APR-1993
      APPLICATION NUMBER:  07/877,295
      FILING DATE:  01-MAY-1992
    ATTORNEY/AGENT INFORMATION:
      NAME:  Granahan, Patricia
      REGISTRATION NUMBER:  32,227
      REFERENCE/DOCKET NUMBER:  FDC92-01A2
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  781-861-6240
      TELEFAX:  781-861-9540
      TELEX:
  INFORMATION FOR SEQ ID NO:  13:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  7 amino acids
      TYPE:  amino acid
      STRANDEDNESS:  single
      TOPOLOGY:  linear
    MOLECULE TYPE:  peptide
S-08-967-573A-13

 Query Match             35.3%;  Score 6;  DB 8;  Length 7;
 Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          1 G 1
             |
b          1 G 1


ESULT 21
S-08-967-573A-14
 Sequence 14, Application US/08967573A
 Publication No. US20010048926A1
  GENERAL INFORMATION:
    APPLICANT:  Smith, Daniel J.
    APPLICANT:  Taubman, Martin A.
    TITLE OF INVENTION:  SYNTHETIC PEPTIDE VACCINES
    TITLE OF INVENTION:  FOR DENTAL CARIES
    NUMBER OF SEQUENCES:  22
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
      STREET:  Two Militia Drive
      CITY:  Lexington
      STATE:  MA
      COUNTRY:  USA
      ZIP:  02173
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Diskette
      COMPUTER:  IBM Compatible
      OPERATING SYSTEM:  Windows 95
      SOFTWARE:  FastSEQ for Windows Version 2.0b
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/967,573A
      FILING DATE:  10-NOV-1997
      CLASSIFICATION:  424
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  08/057,162
      FILING DATE:  30-APR-1993
      APPLICATION NUMBER:  07/877,295
      FILING DATE:  01-MAY-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Granahan, Patricia
;      REGISTRATION NUMBER:  32,227
;      REFERENCE/DOCKET NUMBER:  FDC92-01A2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  781-861-6240
;      TELEFAX:  781-861-9540
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  14:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  7 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-967-573A-14

  Query Match             35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          7 N 7
              |
Db          7 N 7


RESULT 22
US-08-967-573A-15
; Sequence 15, Application US/08967573A
; Publication No. US20010048926A1
;  GENERAL INFORMATION:
;    APPLICANT:  Smith, Daniel J.
;    APPLICANT:  Taubman, Martin A.
;    TITLE OF INVENTION:  SYNTHETIC PEPTIDE VACCINES
;    TITLE OF INVENTION:  FOR DENTAL CARIES
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
;      STREET:  Two Militia Drive
;      CITY:  Lexington
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02173
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  FastSEQ for Windows Version 2.0b
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/967,573A
;      FILING DATE:  10-NOV-1997
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/057,162
;      FILING DATE:  30-APR-1993
;      APPLICATION NUMBER:  07/877,295
;      FILING DATE:  01-MAY-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Granahan, Patricia
;      REGISTRATION NUMBER:  32,227
;      REFERENCE/DOCKET NUMBER:  FDC92-01A2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  781-861-6240
;      TELEFAX:  781-861-9540
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  15:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  7 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-967-573A-15
```

```
  Query Match           35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity  100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          7 N 7
            |
Db          6 N 6


RESULT 23
US-08-967-573A-16
; Sequence 16, Application US/08967573A
; Publication No. US20010048926A1
; GENERAL INFORMATION:
;    APPLICANT:  Smith, Daniel J.
;    APPLICANT:  Taubman, Martin A.
;    TITLE OF INVENTION:  SYNTHETIC PEPTIDE VACCINES
;    TITLE OF INVENTION:  FOR DENTAL CARIES
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
;      STREET:  Two Militia Drive
;      CITY:  Lexington
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02173
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  FastSEQ for Windows Version 2.0b
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/967,573A
;      FILING DATE:  10-NOV-1997
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/057,162
;      FILING DATE:  30-APR-1993
;      APPLICATION NUMBER:  07/877,295
;      FILING DATE:  01-MAY-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Granahan, Patricia
;      REGISTRATION NUMBER:  32,227
;      REFERENCE/DOCKET NUMBER:  FDC92-01A2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  781-861-6240
;      TELEFAX:  781-861-9540
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  16:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  7 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-967-573A-16

  Query Match           35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity  100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          7 N 7
            |
Db          3 N 3


RESULT 24
US-08-967-573A-17
; Sequence 17, Application US/08967573A
; Publication No. US20010048926A1
; GENERAL INFORMATION:
;    APPLICANT:  Smith, Daniel J.
;    APPLICANT:  Taubman, Martin A.
;    TITLE OF INVENTION:  SYNTHETIC PEPTIDE VACCINES
;    TITLE OF INVENTION:  FOR DENTAL CARIES
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
;      STREET:  Two Militia Drive
;      CITY:  Lexington
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02173
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  FastSEQ for Windows Version 2.0b
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/967,573A
;      FILING DATE:  10-NOV-1997
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/057,162
;      FILING DATE:  30-APR-1993
;      APPLICATION NUMBER:  07/877,295
;      FILING DATE:  01-MAY-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Granahan, Patricia
;      REGISTRATION NUMBER:  32,227
;      REFERENCE/DOCKET NUMBER:  FDC92-01A2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  781-861-6240
;      TELEFAX:  781-861-9540
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  17:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  7 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-967-573A-17

  Query Match           35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity  100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          7 N 7
            |
Db          2 N 2


RESULT 25
US-08-967-573A-18
; Sequence 18, Application US/08967573A
; Publication No. US20010048926A1
; GENERAL INFORMATION:
;    APPLICANT:  Smith, Daniel J.
;    APPLICANT:  Taubman, Martin A.
;    TITLE OF INVENTION:  SYNTHETIC PEPTIDE VACCINES
;    TITLE OF INVENTION:  FOR DENTAL CARIES
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
;      STREET:  Two Militia Drive
;      CITY:  Lexington
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02173
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  FastSEQ for Windows Version 2.0b
```

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    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/967,573A
      FILING DATE:  10-NOV-1997
      CLASSIFICATION:  424
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  08/057,162
      FILING DATE:  30-APR-1993
      APPLICATION NUMBER:  07/877,295
      FILING DATE:  01-MAY-1992
    ATTORNEY/AGENT INFORMATION:
      NAME:  Granahan, Patricia
      REGISTRATION NUMBER:  32,227
      REFERENCE/DOCKET NUMBER:  FDC92-01A2
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  781-861-6240
      TELEFAX:  781-861-9540
      TELEX:
  INFORMATION FOR SEQ ID NO:  18:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  7 amino acids
      TYPE:  amino acid
      STRANDEDNESS:  single
      TOPOLOGY:  linear
    MOLECULE TYPE:  peptide
'S-08-967-573A-18

 Query Match             35.3%;  Score 6;  DB 8;  Length 7;
 Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          7 N 7
             |
b          1 N 1


ESULT 26
'S-08-967-573A-19
 Sequence 19, Application US/08967573A
 Publication No. US20010048926A1
  GENERAL INFORMATION:
    APPLICANT:  Smith, Daniel J.
    APPLICANT:  Taubman, Martin A.
    TITLE OF INVENTION:  SYNTHETIC PEPTIDE VACCINES
    TITLE OF INVENTION:  FOR DENTAL CARIES
    NUMBER OF SEQUENCES:  22
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
      STREET:  Two Militia Drive
      CITY:  Lexington
      STATE:  MA
      COUNTRY:  USA
      ZIP:  02173
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Diskette
      COMPUTER:  IBM Compatible
      OPERATING SYSTEM:  Windows 95
      SOFTWARE:  FastSEQ for Windows Version 2.0b
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/967,573A
      FILING DATE:  10-NOV-1997
      CLASSIFICATION:  424
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  08/057,162
      FILING DATE:  30-APR-1993
      APPLICATION NUMBER:  07/877,295
      FILING DATE:  01-MAY-1992
    ATTORNEY/AGENT INFORMATION:
      NAME:  Granahan, Patricia
      REGISTRATION NUMBER:  32,227
      REFERENCE/DOCKET NUMBER:  FDC92-01A2
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  781-861-6240
      TELEFAX:  781-861-9540
;       TELEX:
;   INFORMATION FOR SEQ ID NO:  19:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  7 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  peptide
US-08-967-573A-19

  Query Match             35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          7 N 7
              |
Db          4 N 4


RESULT 27
US-08-967-573A-20
; Sequence 20, Application US/08967573A
; Publication No. US20010048926A1
; GENERAL INFORMATION:
;   APPLICANT:  Smith, Daniel J.
;   APPLICANT:  Taubman, Martin A.
;   TITLE OF INVENTION:  SYNTHETIC PEPTIDE VACCINES
;   TITLE OF INVENTION:  FOR DENTAL CARIES
;   NUMBER OF SEQUENCES:  22
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
;     STREET:  Two Militia Drive
;     CITY:  Lexington
;     STATE:  MA
;     COUNTRY:  USA
;     ZIP:  02173
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE:  Diskette
;     COMPUTER:  IBM Compatible
;     OPERATING SYSTEM:  Windows 95
;     SOFTWARE:  FastSEQ for Windows Version 2.0b
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER:  US/08/967,573A
;     FILING DATE:  10-NOV-1997
;     CLASSIFICATION:  424
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER:  08/057,162
;     FILING DATE:  30-APR-1993
;     APPLICATION NUMBER:  07/877,295
;     FILING DATE:  01-MAY-1992
;   ATTORNEY/AGENT INFORMATION:
;     NAME:  Granahan, Patricia
;     REGISTRATION NUMBER:  32,227
;     REFERENCE/DOCKET NUMBER:  FDC92-01A2
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:  781-861-6240
;     TELEFAX:  781-861-9540
;     TELEX:
; INFORMATION FOR SEQ ID NO:  20:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH:  7 amino acids
;     TYPE:  amino acid
;     STRANDEDNESS:  single
;     TOPOLOGY:  linear
;   MOLECULE TYPE:  peptide
US-08-967-573A-20

  Query Match             35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          7 N 7
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Db          3 N 3


RESULT 28
US-08-967-573A-21
; Sequence 21, Application US/08967573A
; Publication No. US20010048926A1
;  GENERAL INFORMATION:
;    APPLICANT:  Smith, Daniel J.
;    APPLICANT:  Taubman, Martin A.
;    TITLE OF INVENTION:  SYNTHETIC PEPTIDE VACCINES
;    TITLE OF INVENTION:  FOR DENTAL CARIES
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
;      STREET:  Two Militia Drive
;      CITY:  Lexington
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02173
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  FastSEQ for Windows Version 2.0b
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/967,573A
;      FILING DATE:  10-NOV-1997
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/057,162
;      FILING DATE:  30-APR-1993
;      APPLICATION NUMBER:  07/877,295
;      FILING DATE:  01-MAY-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Granahan, Patricia
;      REGISTRATION NUMBER:  32,227
;      REFERENCE/DOCKET NUMBER:  FDC92-01A2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  781-861-6240
;      TELEFAX:  781-861-9540
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  21:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  7 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-967-573A-21

  Query Match             35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          7 N 7
              |
Db          2 N 2


RESULT 29
US-08-967-573A-22
; Sequence 22, Application US/08967573A
; Publication No. US20010048926A1
;  GENERAL INFORMATION:
;    APPLICANT:  Smith, Daniel J.
;    APPLICANT:  Taubman, Martin A.
;    TITLE OF INVENTION:  SYNTHETIC PEPTIDE VACCINES
;    TITLE OF INVENTION:  FOR DENTAL CARIES
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
;      STREET:  Two Militia Drive
;      CITY:  Lexington
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02173
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  FastSEQ for Windows Version 2.0b
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/967,573A
;      FILING DATE:  10-NOV-1997
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/057,162
;      FILING DATE:  30-APR-1993
;      APPLICATION NUMBER:  07/877,295
;      FILING DATE:  01-MAY-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Granahan, Patricia
;      REGISTRATION NUMBER:  32,227
;      REFERENCE/DOCKET NUMBER:  FDC92-01A2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  781-861-6240
;      TELEFAX:  781-861-9540
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  22:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  7 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-967-573A-22

  Query Match             35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          7 N 7
              |
Db          1 N 1


RESULT 30
US-08-801-405B-2
; Sequence 2, Application US/08801405B
; Publication No. US20020019008A1
;   GENERAL INFORMATION:
;        APPLICANT: ROUGEOT, Catherine
;                   ROUGEON, Francois
;        TITLE OF INVENTION: THERAPEUTIC USE OF THE SMR1 PROTEIN, THE
;                            SMR1 MATURATION PRODUCTS, SPECIFICALLY THE QHNPR
;                            PENTAPEPTIDE AS WELL AS ITS BIOLOGICALLY ACTIVE
;                            DERIVATIVES
;        NUMBER OF SEQUENCES: 12
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
;             STREET: P.O. Box 1404
;             CITY: Alexandria
;             STATE: Virginia
;             COUNTRY: United States
;             ZIP: 22313-1404
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: PatentIn Release #1.0, Version #1.30
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/08/801,405B
;             FILING DATE: 20-Feb-1997
;             CLASSIFICATION: <Unknown>
;        ATTORNEY/AGENT INFORMATION:
```

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            NAME: Dadio, Susan M.
            REGISTRATION NUMBER: 40,373
            REFERENCE/DOCKET NUMBER: 012880-003
         TELECOMMUNICATION INFORMATION:
            TELEPHONE: (703) 836-6620
            TELEFAX: (703) 836-2021
   INFORMATION FOR SEQ ID NO: 2:
         SEQUENCE CHARACTERISTICS:
            LENGTH: 7 amino acids
            TYPE: amino acid
            STRANDEDNESS: single
            TOPOLOGY: linear
         MOLECULE TYPE: peptide
         SEQUENCE DESCRIPTION: SEQ ID NO: 2:
S-08-801-405B-2

 Query Match             35.3%;  Score 6;  DB 8;  Length 7;
 Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          7 N 7
             |
b          5 N 5


ESULT 31
S-08-881-509-42
 Sequence 42, Application US/08881509C
 Publication No. US20020045241A1
   GENERAL INFORMATION:
         APPLICANT: SCHENDEL, Dolores J.
         TITLE OF INVENTION: T CELLS SPECIFIC FOR KIDNEY CARCINOMA
         NUMBER OF SEQUENCES: 45
         CORRESPONDENCE ADDRESS:
            ADDRESSEE: Nikaido, Marmelstein, Murray and Oram LLP
            STREET: 655 15th Street, N.W., Suite 330 - G St. Lobby
            CITY: Washington
            STATE: DC
            COUNTRY: USA
            ZIP: 20005-5701
         COMPUTER READABLE FORM:
            MEDIUM TYPE: Floppy disk
            COMPUTER: IBM PC compatible
            OPERATING SYSTEM: PC-DOS/MS-DOS
            SOFTWARE: PatentIn Release #1.0, Version #1.30
         CURRENT APPLICATION DATA:
            APPLICATION NUMBER: US/08/881,509C
            FILING DATE: 24-Jun-1997
            CLASSIFICATION: <Unknown>
         ATTORNEY/AGENT INFORMATION:
            NAME: Kitts, Monica Chin
            REGISTRATION NUMBER: 36,105
            REFERENCE/DOCKET NUMBER: 564-7015
         TELECOMMUNICATION INFORMATION:
            TELEPHONE: (202) 638-5000
            TELEFAX: (202) 638-4810
   INFORMATION FOR SEQ ID NO: 42:
         SEQUENCE CHARACTERISTICS:
            LENGTH: 7 amino acids
            TYPE: amino acid
            STRANDEDNESS: not relevant
            TOPOLOGY: not relevant
         MOLECULE TYPE: peptide
         SEQUENCE DESCRIPTION: SEQ ID NO: 42:
S-08-881-509-42

 Query Match             35.3%;  Score 6;  DB 8;  Length 7;
 Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          1 G 1
             |
b          3 G 3


RESULT 32
US-08-987-756-1
; Sequence 1, Application US/08987756
; Publication No. US20020055136A1
;  GENERAL INFORMATION:
;    APPLICANT:  GOODMAN, SIMON L
;    APPLICANT:  DIEFFENBACH, BEATE
;    APPLICANT:  GUESSOW, DETLEF
;    APPLICANT:  MEHTA, RAJ J
;    APPLICANT:  CULLEN, EILISH
;    APPLICANT:  BROWN, ALEX
;    TITLE OF INVENTION:  SOLUBLE RECOMBINANT ALPHA-V-BETA-3
;    TITLE OF INVENTION:  ADHESION RECEPTOR
;    NUMBER OF SEQUENCES:  7
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  MILLEN, WHITE, ZELANO & BRANIGAN, P.C.
;      STREET:  2200 CLARENDON BLVD. SUITE 1400
;      CITY:  ARLINGTON
;      STATE:  VA
;      COUNTRY:  US
;      ZIP:  22201
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/987,756
;      FILING DATE:  09-DEC-1997
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  EP 96119700.1
;      FILING DATE:  09-DEC-1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  HAMLET-KING, DIANA
;      REGISTRATION NUMBER:  33,302
;      REFERENCE/DOCKET NUMBER:  MERCK 1867
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  703-243-6333
;      TELEFAX:  703-243-6410
;  INFORMATION FOR SEQ ID NO:  1:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  7 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
;    HYPOTHETICAL:  NO
US-08-987-756-1

  Query Match             35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         1 G 1
             |
Db         1 G 1


RESULT 33
US-08-987-756-3
; Sequence 3, Application US/08987756
; Publication No. US20020055136A1
;  GENERAL INFORMATION:
;    APPLICANT:  GOODMAN, SIMON L
;    APPLICANT:  DIEFFENBACH, BEATE
;    APPLICANT:  GUESSOW, DETLEF
;    APPLICANT:  MEHTA, RAJ J
;    APPLICANT:  CULLEN, EILISH
;    APPLICANT:  BROWN, ALEX
;    TITLE OF INVENTION:  SOLUBLE RECOMBINANT ALPHA-V-BETA-3
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;    TITLE OF INVENTION:  ADHESION RECEPTOR
;    NUMBER OF SEQUENCES:  7
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  MILLEN, WHITE, ZELANO & BRANIGAN, P.C.
;      STREET:  2200 CLARENDON BLVD. SUITE 1400
;      CITY:  ARLINGTON
;      STATE:  VA
;      COUNTRY:  US
;      ZIP:  22201
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/987,756
;      FILING DATE:  09-DEC-1997
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  EP 96119700.1
;      FILING DATE:  09-DEC-1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  HAMLET-KING, DIANA
;      REGISTRATION NUMBER:  33,302
;      REFERENCE/DOCKET NUMBER:  MERCK 1867
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  703-243-6333
;      TELEFAX:  703-243-6410
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  7 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
;    HYPOTHETICAL:  NO
US-08-987-756-3

  Query Match             35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 G 1
              |
Db          1 G 1


RESULT 34
US-08-681-219-2
; Sequence 2, Application US/08681219
; Publication No. US20020058607A1
;  GENERAL INFORMATION:
;    APPLICANT:  Takaaki Sato and Junn Yanagisawa
;    TITLE OF INVENTION:  COMPOUNDS THAT INHIBIT THE INTERACTION BETWEEN
;    TITLE OF INVENTION:  SIGNAL-TRANSDUCING PROTEINS AND THE GLGF
;    TITLE OF INVENTION:  (PDZ/DHR) DOMAIN AND USES THEREOF
;    NUMBER OF SEQUENCES:  35
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Cooper & Dunham LLP
;      STREET:  1185 Avenue of the Americas
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  U.S.A.
;      ZIP:  10036
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/681,219
;      FILING DATE:  22-JUL-1996
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  White, John P
;      REGISTRATION NUMBER:  28,678
;      REFERENCE/DOCKET NUMBER:  0575/48962/JPW/JKM
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (212) 278-0400
;      TELEFAX:  (212) 391-0525
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  7 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-681-219-2

  Query Match             35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 G 1
              |
Db          6 G 6


RESULT 35
US-08-681-219-23
; Sequence 23, Application US/08681219
; Publication No. US20020058607A1
;  GENERAL INFORMATION:
;    APPLICANT:  Takaaki Sato and Junn Yanagisawa
;    TITLE OF INVENTION:  COMPOUNDS THAT INHIBIT THE INTERACTION BETWEEN
;    TITLE OF INVENTION:  SIGNAL-TRANSDUCING PROTEINS AND THE GLGF
;    TITLE OF INVENTION:  (PDZ/DHR) DOMAIN AND USES THEREOF
;    NUMBER OF SEQUENCES:  35
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Cooper & Dunham LLP
;      STREET:  1185 Avenue of the Americas
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  U.S.A.
;      ZIP:  10036
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/681,219
;      FILING DATE:  22-JUL-1996
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  White, John P
;      REGISTRATION NUMBER:  28,678
;      REFERENCE/DOCKET NUMBER:  0575/48962/JPW/JKM
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (212) 278-0400
;      TELEFAX:  (212) 391-0525
;  INFORMATION FOR SEQ ID NO:  23:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  7 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-681-219-23

  Query Match             35.3%;  Score 6;  DB 8;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          7 N 7
              |
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b 1 N 1

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ob time : 40 secs

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 18, 2004, 07:51:03 ; Search time 39 Seconds
(without alignments)
33.199 Million cell updates/sec

Title: US-09-673-274B-45
Perfect score: 9
Sequence: 1 EXXXX 5

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 8516

Minimum DB seq length: 5
Maximum DB seq length: 5

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 50 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	5	55.6	5	8	US-08-859-699-25	Sequence 25, Appl
2	5	55.6	5	8	US-08-450-842-75	Sequence 75, Appl
3	5	55.6	5	8	US-08-450-842-87	Sequence 87, Appl
4	5	55.6	5	8	US-08-450-842-90	Sequence 90, Appl
5	5	55.6	5	8	US-08-873-601-17	Sequence 17, Appl
6	5	55.6	5	8	US-08-484-409-23	Sequence 23, Appl
7	5	55.6	5	8	US-08-484-409-35	Sequence 35, Appl
8	5	55.6	5	8	US-08-484-409-38	Sequence 38, Appl
9	5	55.6	5	8	US-08-910-386A-50	Sequence 50, Appl
10	5	55.6	5	8	US-08-424-550B-255	Sequence 255, App
11	5	55.6	5	8	US-08-424-550B-273	Sequence 273, App
12	5	55.6	5	8	US-08-424-550B-509	Sequence 509, App
13	5	55.6	5	8	US-08-424-550B-716	Sequence 716, App
14	5	55.6	5	9	US-09-759-960-29	Sequence 29, Appl
15	5	55.6	5	9	US-09-759-960-30	Sequence 30, Appl
16	5	55.6	5	9	US-09-794-927-72	Sequence 72, Appl
17	5	55.6	5	9	US-09-794-927-73	Sequence 73, Appl
18	5	55.6	5	9	US-09-795-847-72	Sequence 72, Appl
19	5	55.6	5	9	US-09-795-847-73	Sequence 73, Appl
20	5	55.6	5	9	US-09-794-743-72	Sequence 72, Appl
21	5	55.6	5	9	US-09-794-743-73	Sequence 73, Appl
22	5	55.6	5	9	US-09-820-155-7	Sequence 7, Appli
23	5	55.6	5	9	US-09-820-155-8	Sequence 8, Appli
24	5	55.6	5	9	US-09-140-719-8	Sequence 8, Appli
25	5	55.6	5	9	US-09-735-363A-86	Sequence 86, Appl
26	5	55.6	5	9	US-09-754-634A-5	Sequence 5, Appli
27	5	55.6	5	9	US-09-754-634A-6	Sequence 6, Appli
28	5	55.6	5	9	US-09-832-312-67	Sequence 67, Appl
29	5	55.6	5	9	US-09-804-866-2	Sequence 2, Appli
30	5	55.6	5	9	US-09-804-866-13	Sequence 13, Appl
31	5	55.6	5	9	US-09-794-589-6	Sequence 6, Appli
32	5	55.6	5	9	US-09-861-696-37	Sequence 37, Appl
33	5	55.6	5	9	US-09-096-749A-53	Sequence 53, Appl
34	5	55.6	5	9	US-09-096-749A-59	Sequence 59, Appl
35	5	55.6	5	9	US-09-096-749A-63	Sequence 63, Appl
36	5	55.6	5	9	US-09-824-286-13	Sequence 13, Appl
37	5	55.6	5	9	US-09-824-286-16	Sequence 16, Appl
38	5	55.6	5	9	US-09-881-276-27	Sequence 27, Appl
39	5	55.6	5	9	US-09-750-963-14	Sequence 14, Appl
40	5	55.6	5	9	US-09-750-963-15	Sequence 15, Appl
41	5	55.6	5	9	US-09-888-077-2	Sequence 2, Appli
42	5	55.6	5	9	US-09-952-768-15	Sequence 15, Appl
43	5	55.6	5	9	US-09-952-768-20	Sequence 20, Appl
44	5	55.6	5	9	US-09-952-768-30	Sequence 30, Appl
45	5	55.6	5	9	US-09-952-768-35	Sequence 35, Appl
46	5	55.6	5	9	US-09-952-768-73	Sequence 73, Appl
47	5	55.6	5	9	US-09-952-768-75	Sequence 75, Appl
48	5	55.6	5	9	US-09-866-824A-2	Sequence 2, Appli
49	5	55.6	5	9	US-09-794-748-72	Sequence 72, Appl
50	5	55.6	5	9	US-09-794-748-73	Sequence 73, Appl

ALIGNMENTS

RESULT 1
US-08-859-699-25
; Sequence 25, Application US/08859699A
; Publication No. US20010007017A1
; GENERAL INFORMATION:
; APPLICANT: VELJKOVIC, Veljko
; APPLICANT: METLAS, Radmila
; TITLE OF INVENTION: PEPTIDES WHICH REACT WITH ANTIBODY REPRESENTING THE
; TITLE OF INVENTION: PROGNOSTIC MARKER FOR HIV DISEASE PROGRESSION
; FILE REFERENCE: VELJKOVIC et al. 08/859,699
; CURRENT APPLICATION NUMBER: US/08/859,699A
; CURRENT FILING DATE: 1997-05-21
; EARLIER APPLICATION NUMBER: GB 9610673.7
; EARLIER FILING DATE: 1996-05-22
; EARLIER APPLICATION NUMBER: GB 9623340.8
; EARLIER FILING DATE: 1996-11-08
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Derivative of
; OTHER INFORMATION: NTM peptide.
US-08-859-699-25

Query Match 55.6%; Score 5; DB 8; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.3e+05;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 E 1
|

```
Db          3 E 3


RESULT 2
US-08-450-842-75
; Sequence 75, Application US/08450842
; Publication No. US20020045576A1
;  GENERAL INFORMATION:
;    APPLICANT:  GENENTECH, INC.
;    APPLICANT:  ROSENTHAL, ARNON
;    TITLE OF INVENTION:  NOVEL NEUROTROPHIC FACTOR
;    NUMBER OF SEQUENCES:  100
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Genentech, Inc.
;      STREET:  460 Point San Bruno Blvd
;      CITY:  South San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94080
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  5.25 inch, 360 Kb floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  patin (Genentech)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/450,842
;      FILING DATE:
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/426419
;      FILING DATE:  19-APR-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/030013
;      FILING DATE:  22-MAR-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/648482
;      FILING DATE:  31-JAN
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/587707
;      FILING DATE:  1991
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Torchia, Timothy E.
;      REGISTRATION NUMBER:  36,700
;      REFERENCE/DOCKET NUMBER:  666P2C1D3
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415/225-8674
;      TELEFAX:  415/952-9881
;      TELEX:  910/371-7168
;  INFORMATION FOR SEQ ID NO:  75:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  5 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
US-08-450-842-75

  Query Match             55.6%;  Score 5;  DB 8;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
              |
Db          1 E 1


RESULT 3
US-08-450-842-87
; Sequence 87, Application US/08450842
; Publication No. US20020045576A1
;  GENERAL INFORMATION:
;    APPLICANT:  GENENTECH, INC.
;    APPLICANT:  ROSENTHAL, ARNON
;    TITLE OF INVENTION:  NOVEL NEUROTROPHIC FACTOR
;    NUMBER OF SEQUENCES:  100
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Genentech, Inc.
;      STREET:  460 Point San Bruno Blvd
;      CITY:  South San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94080
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  5.25 inch, 360 Kb floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  patin (Genentech)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/450,842
;      FILING DATE:
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/426419
;      FILING DATE:  19-APR-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/030013
;      FILING DATE:  22-MAR-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/648482
;      FILING DATE:  31-JAN
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/587707
;      FILING DATE:  1991
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Torchia, Timothy E.
;      REGISTRATION NUMBER:  36,700
;      REFERENCE/DOCKET NUMBER:  666P2C1D3
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415/225-8674
;      TELEFAX:  415/952-9881
;      TELEX:  910/371-7168
;  INFORMATION FOR SEQ ID NO:  87:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  5 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
US-08-450-842-87

  Query Match             55.6%;  Score 5;  DB 8;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
              |
Db          2 E 2


RESULT 4
US-08-450-842-90
; Sequence 90, Application US/08450842
; Publication No. US20020045576A1
;  GENERAL INFORMATION:
;    APPLICANT:  GENENTECH, INC.
;    APPLICANT:  ROSENTHAL, ARNON
;    TITLE OF INVENTION:  NOVEL NEUROTROPHIC FACTOR
;    NUMBER OF SEQUENCES:  100
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Genentech, Inc.
;      STREET:  460 Point San Bruno Blvd
;      CITY:  South San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94080
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  5.25 inch, 360 Kb floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  patin (Genentech)
```

```
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/450,842
      FILING DATE:
      CLASSIFICATION:  514
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  08/426419
      FILING DATE:  19-APR-1995
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  08/030013
      FILING DATE:  22-MAR-1993
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  07/648482
      FILING DATE:  31-JAN
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  07/587707
      FILING DATE:  1991
    ATTORNEY/AGENT INFORMATION:
      NAME:  Torchia, Timothy E.
      REGISTRATION NUMBER:  36,700
      REFERENCE/DOCKET NUMBER:  666P2C1D3
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  415/225-8674
      TELEFAX:  415/952-9881
      TELEX:  910/371-7168
  INFORMATION FOR SEQ ID NO:  90:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  5 amino acids
      TYPE:  amino acid
      TOPOLOGY:  linear
IS-08-450-842-90

  Query Match             55.6%;  Score 5;  DB 8;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

)y          1 E 1
              |
)b          3 E 3


ESULT 5
IS-08-873-601-17
  Sequence 17, Application US/08873601
  Publication No. US20020064798A1
  GENERAL INFORMATION:
   APPLICANT: No. US20020064798A1an, Garry P.
   APPLICANT: Payan, Donald
   TITLE OF INVENTION: COMBINATORIAL ENZYMATIC COMPLEXES
   FILE REFERENCE: A-63915/DJB/RMS
   CURRENT APPLICATION NUMBER: US/08/873,601
   CURRENT FILING DATE: 1997-06-12
   NUMBER OF SEQ ID NOS: 35
   SOFTWARE: PatentIn Ver. 2.0
  SEQ ID NO 17
    LENGTH: 5
    TYPE: PRT
    ORGANISM: Unknown
    FEATURE:
    OTHER INFORMATION: Description of Unknown Organism: UNKNOWN
IS-08-873-601-17

  Query Match             55.6%;  Score 5;  DB 8;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

)y          1 E 1
              |
)b          3 E 3


ESULT 6
IS-08-484-409-23
  Sequence 23, Application US/08484409
; Publication No. US20020076412A1
; GENERAL INFORMATION:
;   APPLICANT:  Steinman, Lawrence
;   APPLICANT:  Zamvil, Scott
;   TITLE OF INVENTION:  METHODS FOR MODULATING THE IMMUNE SYSTEM
;   NUMBER OF SEQUENCES:  52
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  SEED and BERRY LLP
;     STREET:  6300 Columbia Center, 701 Fifth Avenue
;     CITY:  Seattle
;     STATE:  Washington
;     COUNTRY:  USA
;     ZIP:  98104-7092
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE:  Floppy disk
;     COMPUTER:  IBM PC compatible
;     OPERATING SYSTEM:  PC-DOS/MS-DOS
;     SOFTWARE:  PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER:  US/08/484,409
;     FILING DATE:  07-JUN-1995
;     CLASSIFICATION:  424
;   ATTORNEY/AGENT INFORMATION:
;     NAME:  Maki, David J.
;     REGISTRATION NUMBER:  31,392
;     REFERENCE/DOCKET NUMBER:  690068.409C1
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:  (206) 622-4900
;     TELEFAX:  (206) 682-6031
; INFORMATION FOR SEQ ID NO:  23:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH:  5 amino acids
;     TYPE:  amino acid
;     STRANDEDNESS:
;     TOPOLOGY:  linear
US-08-484-409-23

  Query Match             55.6%;  Score 5;  DB 8;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
              |
Db          5 E 5


RESULT 7
US-08-484-409-35
; Sequence 35, Application US/08484409
; Publication No. US20020076412A1
; GENERAL INFORMATION:
;   APPLICANT:  Steinman, Lawrence
;   APPLICANT:  Zamvil, Scott
;   TITLE OF INVENTION:  METHODS FOR MODULATING THE IMMUNE SYSTEM
;   NUMBER OF SEQUENCES:  52
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  SEED and BERRY LLP
;     STREET:  6300 Columbia Center, 701 Fifth Avenue
;     CITY:  Seattle
;     STATE:  Washington
;     COUNTRY:  USA
;     ZIP:  98104-7092
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE:  Floppy disk
;     COMPUTER:  IBM PC compatible
;     OPERATING SYSTEM:  PC-DOS/MS-DOS
;     SOFTWARE:  PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER:  US/08/484,409
;     FILING DATE:  07-JUN-1995
;     CLASSIFICATION:  424
;   ATTORNEY/AGENT INFORMATION:
;     NAME:  Maki, David J.
```

```
;      REGISTRATION NUMBER:  31,392
;      REFERENCE/DOCKET NUMBER:  690068.409C1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (206) 622-4900
;      TELEFAX:  (206) 682-6031
;  INFORMATION FOR SEQ ID NO:  35:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  5 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:
;      TOPOLOGY:  linear
US-08-484-409-35

  Query Match           55.6%;  Score 5;  DB 8;  Length 5;
  Best Local Similarity  100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
              |
Db          1 E 1


RESULT 8
US-08-484-409-38
; Sequence 38, Application US/08484409
; Publication No. US20020076412A1
; GENERAL INFORMATION:
;    APPLICANT:  Steinman, Lawrence
;    APPLICANT:  Zamvil, Scott
;    TITLE OF INVENTION:  METHODS FOR MODULATING THE IMMUNE SYSTEM
;    NUMBER OF SEQUENCES:  52
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  SEED and BERRY LLP
;      STREET:  6300 Columbia Center, 701 Fifth Avenue
;      CITY:  Seattle
;      STATE:  Washington
;      COUNTRY:  USA
;      ZIP:  98104-7092
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/484,409
;      FILING DATE:  07-JUN-1995
;      CLASSIFICATION:  424
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Maki, David J.
;      REGISTRATION NUMBER:  31,392
;      REFERENCE/DOCKET NUMBER:  690068.409C1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (206) 622-4900
;      TELEFAX:  (206) 682-6031
;  INFORMATION FOR SEQ ID NO:  38:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  5 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:
;      TOPOLOGY:  linear
US-08-484-409-38

  Query Match           55.6%;  Score 5;  DB 8;  Length 5;
  Best Local Similarity  100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
              |
Db          5 E 5


RESULT 9
US-08-910-386A-50
; Sequence 50, Application US/08910386A
; Publication No. US20020092041A1
; GENERAL INFORMATION:
;    APPLICANT:  Ronald, Pamela C.
;    APPLICANT:  Wang, Guo-Liang
;    APPLICANT:  Song, Wen-Yuang
;    APPLICANT:  Hulbert, Scot
;    APPLICANT:  Richter, Todd
;    TITLE OF INVENTION:  Procedures and Materials for Conferring
;    TITLE OF INVENTION:  Disease Resisitance in Plants
;    NUMBER OF SEQUENCES:  53
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend and Crew LLP
;      STREET:  Two Embarcadero Center, Eighth Floor
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94111-3834
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/910,386A
;      FILING DATE:  13-AUG-1997
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Bastian, Kevin L.
;      REGISTRATION NUMBER:  34,774
;      REFERENCE/DOCKET NUMBER:  023070-058950US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 576-0200
;      TELEFAX:  (415) 576-0300
;  INFORMATION FOR SEQ ID NO:  50:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  5 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-910-386A-50

  Query Match           55.6%;  Score 5;  DB 8;  Length 5;
  Best Local Similarity  100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
              |
Db          4 E 4


RESULT 10
US-08-424-550B-255
; Sequence 255, Application US/08424550B
; Publication No. US20020119447A1
; GENERAL INFORMATION:
;    APPLICANT:  JOHN N. SIMONS
;    APPLICANT:  TAMI J. PILOT-MATIAS
;    APPLICANT:  GEORGE J. DAWSON
;    APPLICANT:  GEORGE G. SCHLAUDER
;    APPLICANT:  SURESH M. DESAI
;    APPLICANT:  THOMAS P. LEARY
;    APPLICANT:  ANTHONY SCOTT MUERHOFF
;    APPLICANT:  JAMES C. ERKER
;    APPLICANT:  SHERI L. BUIJK
;    APPLICANT:  ISA K. MUSHAHWAR
;    TITLE OF INVENTION:  NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
;    TITLE OF INVENTION:  REAGENTS AND METHODS FOR THEIR USE
;    NUMBER OF SEQUENCES:  716
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  ABBOTT LABORATORIES  D377/AP6D
;      STREET:  100 ABBOTT PARK ROAD
```

```
      CITY:  ABBOTT PARK
      STATE:  IL
      COUNTRY:  USA
      ZIP:  60064-3500
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Floppy disk
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  PatentIn Release #1.0, Version #1.25
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/424,550B
      FILING DATE:
      CLASSIFICATION:  435435
    ATTORNEY/AGENT INFORMATION:
      NAME:  POREMBSKI, PRISCILLA E.
      REGISTRATION NUMBER:  33,207
      REFERENCE/DOCKET NUMBER:  5527.PC.01
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  708-937-6365
      TELEFAX:  708-938-2623
  INFORMATION FOR SEQ ID NO:  255:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  5 amino acids
      TYPE:  amino acid
      TOPOLOGY:  linear
    MOLECULE TYPE:  protein
/S-08-424-550B-255

 Query Match             55.6%;  Score 5;  DB 8;  Length 5;
 Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

)y          1 E 1
              |
)b          2 E 2


:ESULT 11
/S-08-424-550B-273
 Sequence 273, Application US/08424550B
 Publication No. US20020119447A1
  GENERAL INFORMATION:
    APPLICANT:  JOHN N. SIMONS
    APPLICANT:  TAMI J. PILOT-MATIAS
    APPLICANT:  GEORGE J. DAWSON
    APPLICANT:  GEORGE G. SCHLAUDER
    APPLICANT:  SURESH M. DESAI
    APPLICANT:  THOMAS P. LEARY
    APPLICANT:  ANTHONY SCOTT MUERHOFF
    APPLICANT:  JAMES C. ERKER
    APPLICANT:  SHERI L. BUIJK
    APPLICANT:  ISA K. MUSHAHWAR
    TITLE OF INVENTION:  NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
    TITLE OF INVENTION:  REAGENTS AND METHODS FOR THEIR USE
    NUMBER OF SEQUENCES:  716
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  ABBOTT LABORATORIES  D377/AP6D
      STREET:  100 ABBOTT PARK ROAD
      CITY:  ABBOTT PARK
      STATE:  IL
      COUNTRY:  USA
      ZIP:  60064-3500
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Floppy disk
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  PatentIn Release #1.0, Version #1.25
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/424,550B
      FILING DATE:
      CLASSIFICATION:  435435
    ATTORNEY/AGENT INFORMATION:
      NAME:  POREMBSKI, PRISCILLA E.
;     REGISTRATION NUMBER:  33,207
;     REFERENCE/DOCKET NUMBER:  5527.PC.01
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:  708-937-6365
;     TELEFAX:  708-938-2623
; INFORMATION FOR SEQ ID NO:  273:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH:  5 amino acids
;     TYPE:  amino acid
;     TOPOLOGY:  linear
;   MOLECULE TYPE:  protein
US-08-424-550B-273

  Query Match             55.6%;  Score 5;  DB 8;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
              |
Db          2 E 2


RESULT 12
US-08-424-550B-509
; Sequence 509, Application US/08424550B
; Publication No. US20020119447A1
;  GENERAL INFORMATION:
;    APPLICANT:  JOHN N. SIMONS
;    APPLICANT:  TAMI J. PILOT-MATIAS
;    APPLICANT:  GEORGE J. DAWSON
;    APPLICANT:  GEORGE G. SCHLAUDER
;    APPLICANT:  SURESH M. DESAI
;    APPLICANT:  THOMAS P. LEARY
;    APPLICANT:  ANTHONY SCOTT MUERHOFF
;    APPLICANT:  JAMES C. ERKER
;    APPLICANT:  SHERI L. BUIJK
;    APPLICANT:  ISA K. MUSHAHWAR
;    TITLE OF INVENTION:  NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
;    TITLE OF INVENTION:  REAGENTS AND METHODS FOR THEIR USE
;    NUMBER OF SEQUENCES:  716
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  ABBOTT LABORATORIES  D377/AP6D
;      STREET:  100 ABBOTT PARK ROAD
;      CITY:  ABBOTT PARK
;      STATE:  IL
;      COUNTRY:  USA
;      ZIP:  60064-3500
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/424,550B
;      FILING DATE:
;      CLASSIFICATION:  435435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  POREMBSKI, PRISCILLA E.
;      REGISTRATION NUMBER:  33,207
;      REFERENCE/DOCKET NUMBER:  5527.PC.01
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  708-937-6365
;      TELEFAX:  708-938-2623
;  INFORMATION FOR SEQ ID NO:  509:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  5 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-424-550B-509

  Query Match             55.6%;  Score 5;  DB 8;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
```

```
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
              |
Db          2 E 2


RESULT 13
US-08-424-550B-716
; Sequence 716, Application US/08424550B
; Publication No. US20020119447A1
;  GENERAL INFORMATION:
;    APPLICANT:  JOHN N. SIMONS
;    APPLICANT:  TAMI J. PILOT-MATIAS
;    APPLICANT:  GEORGE J. DAWSON
;    APPLICANT:  GEORGE G. SCHLAUDER
;    APPLICANT:  SURESH M. DESAI
;    APPLICANT:  THOMAS P. LEARY
;    APPLICANT:  ANTHONY SCOTT MUERHOFF
;    APPLICANT:  JAMES C. ERKER
;    APPLICANT:  SHERI L. BUIJK
;    APPLICANT:  ISA K. MUSHAHWAR
;    TITLE OF INVENTION:  NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
;    TITLE OF INVENTION:  REAGENTS AND METHODS FOR THEIR USE
;    NUMBER OF SEQUENCES:  716
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  ABBOTT LABORATORIES  D377/AP6D
;      STREET:  100 ABBOTT PARK ROAD
;      CITY:  ABBOTT PARK
;      STATE:  IL
;      COUNTRY:  USA
;      ZIP:  60064-3500
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/424,550B
;      FILING DATE:
;      CLASSIFICATION:  435435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  POREMBSKI, PRISCILLA E.
;      REGISTRATION NUMBER:  33,207
;      REFERENCE/DOCKET NUMBER:  5527.PC.01
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  708-937-6365
;      TELEFAX:  708-938-2623
;  INFORMATION FOR SEQ ID NO:  716:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  5 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-424-550B-716

  Query Match             55.6%;  Score 5;  DB 8;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
              |
Db          3 E 3


RESULT 14
US-09-759-960-29
; Sequence 29, Application US/09759960
; Patent No. US20010006639A1
;  GENERAL INFORMATION:
;    APPLICANT:  Urban, Robert G.
;    APPLICANT:  Chicz, Roman M.
;    APPLICANT:  Collins, Edward J.
;    APPLICANT:  Hedley, Mary Lynn
;    TITLE OF INVENTION:  IMMUNOGENIC PEPTIDES FROM THE HPV E7
;    TITLE OF INVENTION:  PROTEIN
;    NUMBER OF SEQUENCES:  33
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson, P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  US
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows95
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/759,960
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  09/169,425
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Fraser, Janis K.
;      REGISTRATION NUMBER:  34,819
;      REFERENCE/DOCKET NUMBER:  08191/004002
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-542-5070
;      TELEFAX:  617-543-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  29:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  5 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-09-759-960-29

  Query Match             55.6%;  Score 5;  DB 9;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
              |
Db          3 E 3


RESULT 15
US-09-759-960-30
; Sequence 30, Application US/09759960
; Patent No. US20010006639A1
;  GENERAL INFORMATION:
;    APPLICANT:  Urban, Robert G.
;    APPLICANT:  Chicz, Roman M.
;    APPLICANT:  Collins, Edward J.
;    APPLICANT:  Hedley, Mary Lynn
;    TITLE OF INVENTION:  IMMUNOGENIC PEPTIDES FROM THE HPV E7
;    TITLE OF INVENTION:  PROTEIN
;    NUMBER OF SEQUENCES:  33
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson, P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  US
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows95
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/759,960
```

FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/169,425
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Fraser, Janis K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 08191/004002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
TELEFAX: 617-543-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
JS-09-759-960-30

Query Match 55.6%; Score 5; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.3e+05;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 E 1
|
Db 3 E 3

RESULT 16
JS-09-794-927-72
Sequence 72, Application US/09794927
Patent No. US20010016324A1
GENERAL INFORMATION:
APPLICANT: Gurney, Mark E.
APPLICANT: Bienkowski, Michael J.
APPLICANT: Heinrikson, Robert L.
APPLICANT: Parodi, Luis A.
APPLICANT: Yan, Riqiang
TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
TITLE OF INVENTION: USES
TITLE OF INVENTION: THEREFOR
FILE REFERENCE: 28341/6280FG
CURRENT APPLICATION NUMBER: US/09/794,927
CURRENT FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: 09/416,901
PRIOR FILING DATE: 1999-10-13
PRIOR APPLICATION NUMBER: 60/155,493
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 09/404,133
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: PCT/US99/20881
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: 60/101,594
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 73
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 72
LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
JS-09-794-927-72

Query Match 55.6%; Score 5; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.3e+05;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 E 1
|
Db 3 E 3

RESULT 17
US-09-794-927-73
; Sequence 73, Application US/09794927
; Patent No. US20010016324A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrikson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
; TITLE OF INVENTION: USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 28341/6280FG
; CURRENT APPLICATION NUMBER: US/09/794,927
; CURRENT FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 09/416,901
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/155,493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404,133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 73
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-794-927-73

Query Match 55.6%; Score 5; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.3e+05;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 E 1
|
Db 2 E 2

RESULT 18
US-09-795-847-72
; Sequence 72, Application US/09795847
; Patent No. US20010018208A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrikson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
; TITLE OF INVENTION: USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 28341/6280DE
; CURRENT APPLICATION NUMBER: US/09/795,847
; CURRENT FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 09/416,901
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/155,493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404,133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73

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;  SOFTWARE:  PatentIn Ver. 2.0
; SEQ ID NO 72
;   LENGTH: 5
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-795-847-72

  Query Match             55.6%;  Score 5;  DB 9;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
              |
Db          3 E 3


RESULT 19
US-09-795-847-73
; Sequence 73, Application US/09795847
; Patent No. US20010018208A1
; GENERAL INFORMATION:
;  APPLICANT:  Gurney, Mark E.
;  APPLICANT:  Bienkowski, Michael J.
;  APPLICANT:  Heinrikson, Robert L.
;  APPLICANT:  Parodi, Luis A.
;  APPLICANT:  Yan, Riqiang
;  TITLE OF INVENTION:  ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
;  TITLE OF INVENTION:  USES
;  TITLE OF INVENTION:  THEREFOR
;  FILE REFERENCE:  28341/6280DE
;  CURRENT APPLICATION NUMBER: US/09/795,847
;  CURRENT FILING DATE:  2001-02-28
;  PRIOR APPLICATION NUMBER:  09/416,901
;  PRIOR FILING DATE:  1999-10-13
;  PRIOR APPLICATION NUMBER:  60/155,493
;  PRIOR FILING DATE:  1999-09-23
;  PRIOR APPLICATION NUMBER:  09/404,133
;  PRIOR FILING DATE:  1999-09-23
;  PRIOR APPLICATION NUMBER:  PCT/US99/20881
;  PRIOR FILING DATE:  1999-09-23
;  PRIOR APPLICATION NUMBER:  60/101,594
;  PRIOR FILING DATE:  1998-09-24
;  NUMBER OF SEQ ID NOS:  73
;  SOFTWARE:  PatentIn Ver. 2.0
; SEQ ID NO 73
;   LENGTH: 5
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-795-847-73

  Query Match             55.6%;  Score 5;  DB 9;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
              |
Db          2 E 2


RESULT 20
US-09-794-743-72
; Sequence 72, Application US/09794743
; Patent No. US20010021391A1
; GENERAL INFORMATION:
;  APPLICANT:  Gurney, Mark E.
;  APPLICANT:  Bienkowski, Michael J.
;  APPLICANT:  Heinrikson, Robert L.
;  APPLICANT:  Parodi, Luis A.
;  APPLICANT:  Yan, Riqiang
;  TITLE OF INVENTION:  ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
;  TITLE OF INVENTION:  USES
;  TITLE OF INVENTION:  THEREFOR
;  FILE REFERENCE:  28341/6280BC
;  CURRENT APPLICATION NUMBER: US/09/794,743
;  CURRENT FILING DATE:  2001-02-27
;  PRIOR APPLICATION NUMBER:  09/416,901
;  PRIOR FILING DATE:  1999-10-13
;  PRIOR APPLICATION NUMBER:  60/155,493
;  PRIOR FILING DATE:  1999-09-23
;  PRIOR APPLICATION NUMBER:  09/404,133
;  PRIOR FILING DATE:  1999-09-23
;  PRIOR APPLICATION NUMBER:  PCT/US99/20881
;  PRIOR FILING DATE:  1999-09-23
;  PRIOR APPLICATION NUMBER:  60/101,594
;  PRIOR FILING DATE:  1998-09-24
;  NUMBER OF SEQ ID NOS:  73
;  SOFTWARE:  PatentIn Ver. 2.0
; SEQ ID NO 72
;   LENGTH: 5
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-794-743-72

  Query Match             55.6%;  Score 5;  DB 9;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
              |
Db          3 E 3


RESULT 21
US-09-794-743-73
; Sequence 73, Application US/09794743
; Patent No. US20010021391A1
; GENERAL INFORMATION:
;  APPLICANT:  Gurney, Mark E.
;  APPLICANT:  Bienkowski, Michael J.
;  APPLICANT:  Heinrikson, Robert L.
;  APPLICANT:  Parodi, Luis A.
;  APPLICANT:  Yan, Riqiang
;  TITLE OF INVENTION:  ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
;  TITLE OF INVENTION:  USES
;  TITLE OF INVENTION:  THEREFOR
;  FILE REFERENCE:  28341/6280BC
;  CURRENT APPLICATION NUMBER: US/09/794,743
;  CURRENT FILING DATE:  2001-02-27
;  PRIOR APPLICATION NUMBER:  09/416,901
;  PRIOR FILING DATE:  1999-10-13
;  PRIOR APPLICATION NUMBER:  60/155,493
;  PRIOR FILING DATE:  1999-09-23
;  PRIOR APPLICATION NUMBER:  09/404,133
;  PRIOR FILING DATE:  1999-09-23
;  PRIOR APPLICATION NUMBER:  PCT/US99/20881
;  PRIOR FILING DATE:  1999-09-23
;  PRIOR APPLICATION NUMBER:  60/101,594
;  PRIOR FILING DATE:  1998-09-24
;  NUMBER OF SEQ ID NOS:  73
;  SOFTWARE:  PatentIn Ver. 2.0
; SEQ ID NO 73
;   LENGTH: 5
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-794-743-73

  Query Match             55.6%;  Score 5;  DB 9;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
```

```
 Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

)y          1 E 1
              |
)b          2 E 2


!ESULT 22
)S-09-820-155-7
  Sequence 7, Application US/09820155
  Patent No. US20010021768A1
  GENERAL INFORMATION:
    APPLICANT: Miyagi, Taeko
    APPLICANT:  Wada, Tadashi
    APPLICANT:  Yoshikawa, Yuko
    TITLE OF INVENTION: Sialidase Localized in the Plasma Membrane
    FILE REFERENCE: 20111-0046  (45455-252923)
    CURRENT APPLICATION NUMBER: US/09/820,155
    CURRENT FILING DATE:  2001-03-28
    PRIOR APPLICATION NUMBER: US 09/423,340
    PRIOR FILING DATE: 1999-11-22
    PRIOR APPLICATION NUMBER: PCT/JP98/02072
    PRIOR FILING DATE: 1998-05-11
    NUMBER OF SEQ ID NOS: 26
    SOFTWARE: PatentIn version 3.0
  SEQ ID NO 7
     LENGTH: 5
     TYPE: PRT
     ORGANISM: Bos primigenius taurus
)S-09-820-155-7

  Query Match             55.6%;  Score 5;  DB 9;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

)y          1 E 1
              |
)b          1 E 1


!ESULT 23
)S-09-820-155-8
  Sequence 8, Application US/09820155
  Patent No. US20010021768A1
  GENERAL INFORMATION:
    APPLICANT: Miyagi, Taeko
    APPLICANT:  Wada, Tadashi
    APPLICANT:  Yoshikawa, Yuko
    TITLE OF INVENTION: Sialidase Localized in the Plasma Membrane
    FILE REFERENCE: 20111-0046  (45455-252923)
    CURRENT APPLICATION NUMBER: US/09/820,155
    CURRENT FILING DATE:  2001-03-28
    PRIOR APPLICATION NUMBER: US 09/423,340
    PRIOR FILING DATE: 1999-11-22
    PRIOR APPLICATION NUMBER: PCT/JP98/02072
    PRIOR FILING DATE: 1998-05-11
    NUMBER OF SEQ ID NOS: 26
    SOFTWARE: PatentIn version 3.0
  SEQ ID NO 8
     LENGTH: 5
     TYPE: PRT
     ORGANISM: Bos primigenius taurus
)S-09-820-155-8

  Query Match             55.6%;  Score 5;  DB 9;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

)y          1 E 1
              |
)b          3 E 3


RESULT 24
US-09-140-719-8
; Sequence 8, Application US/09140719
; Patent No. US20010026931A1
;  GENERAL INFORMATION:
;    APPLICANT:  TSUJIMOTO, Masafumi
;    APPLICANT:  IWASA, Fuyuki
;    APPLICANT:  TSUROUOKA, No. US20010026931A1uo
;    APPLICANT:  NAKAZATO, Hiroshi
;    APPLICANT:  MIURA, Kenju
;    APPLICANT:  ISHIDA, No. US20010026931A1uhiro
;    APPLICANT:  KURIHARA, Tatsuya
;    APPLICANT:  YAMAICHI, Kozo
;    APPLICANT:  YAMAGUCHI, No. US20010026931A1omi
;    TITLE OF INVENTION:  MEGAKARYOCYTE DIFFERENTIATION FACTOR
;    NUMBER OF SEQUENCES:  34
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Burns, Doane, Swecker & Mathis
;      STREET:  P.O. Box 1404
;      CITY:  Alexandria
;      STATE:  Virginia
;      COUNTRY:  United States
;      ZIP:  22313-1404
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/140,719
;      FILING DATE:  08-AUG-1998
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/474,661
;      FILING DATE:  07-JUN-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/091,028
;      FILING DATE:  14-JUL-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  JP 4-212305
;      FILING DATE:  17-JUL-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  JP 6-067339
;      FILING DATE:  04-MAR-1993
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  McGowan, Malcolm K.
;      REGISTRATION NUMBER:  39,300
;      REFERENCE/DOCKET NUMBER:  001560-247
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (703) 836-6620
;      TELEFAX:  (703) 836-2021
;  INFORMATION FOR SEQ ID NO:  8:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  5 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-09-140-719-8

  Query Match             55.6%;  Score 5;  DB 9;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
              |
Db          3 E 3


RESULT 25
US-09-735-363A-86
; Sequence 86, Application US/09735363A
; Patent No. US20010041681A1
```

; GENERAL INFORMATION:
; APPLICANT: Filion, Mario
; APPLICANT: Phillip, Nigel
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735,363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 86
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
; NAME/KEY: SITE
; LOCATION: (4)..(4)
; OTHER INFORMATION: X = Any Amino Acid
US-09-735-363A-86

Query Match 55.6%; Score 5; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.3e+05;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 E 1
|
Db 3 E 3

RESULT 26
US-09-754-634A-5
; Sequence 5, Application US/09754634A
; Patent No. US20010044525A1
; GENERAL INFORMATION:
; APPLICANT: Conklin, Darrell C.
; TITLE OF INVENTION: FGF HOMOLOG ZFGF12
; FILE REFERENCE: 00-02
; CURRENT APPLICATION NUMBER: US/09/754,634A
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/174,582
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: motif
; NAME/KEY: VARIANT
; LOCATION: (2)...(2)
; OTHER INFORMATION: Xaa = any amino acid residue except cysteine.
; NAME/KEY: VARIANT
; LOCATION: (4)...(4)
; OTHER INFORMATION: Xaa = any amino acid residue except cysteine.
US-09-754-634A-5

Query Match 55.6%; Score 5; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.3e+05;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 E 1
|
Db 5 E 5

RESULT 27
US-09-754-634A-6
; Sequence 6, Application US/09754634A
; Patent No. US20010044525A1
; GENERAL INFORMATION:
; APPLICANT: Conklin, Darrell C.
; TITLE OF INVENTION: FGF HOMOLOG ZFGF12
; FILE REFERENCE: 00-02
; CURRENT APPLICATION NUMBER: US/09/754,634A
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/174,582
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: peptide affinity tag
US-09-754-634A-6

Query Match 55.6%; Score 5; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.3e+05;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 E 1
|
Db 1 E 1

RESULT 28
US-09-832-312-67
; Sequence 67, Application US/09832312
; Patent No. US20010049829A1
; GENERAL INFORMATION:
; APPLICANT: Busfield et al.
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/832,312
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 67
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-832-312-67

Query Match 55.6%; Score 5; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.3e+05;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 E 1
|
Db 3 E 3

RESULT 29
US-09-804-866-2
; Sequence 2, Application US/09804866
; Patent No. US20020001814A1
; GENERAL INFORMATION:
; APPLICANT: Chu, Ivan K.
; APPLICANT: Lau, Tai-Chu
; APPLICANT: Siu, K. W. Michael
; TITLE OF INVENTION: Sequencing of Peptides by Mass Spectrometry
; FILE REFERENCE: 7933.208-US-U1

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  CURRENT APPLICATION NUMBER: US/09/804,866
  CURRENT FILING DATE:  2001-03-13
  PRIOR APPLICATION NUMBER: US 60/193,208
  PRIOR FILING DATE: 2000-03-30
  NUMBER OF SEQ ID NOS: 16
  SOFTWARE: PatentIn version 3.1
 SEQ ID NO 2
   LENGTH: 5
   TYPE: PRT
   ORGANISM: Artificial Sequence
   FEATURE:
   OTHER INFORMATION: glycylglycylglutamylglycylglycine
!S-09-804-866-2

  Query Match             55.6%;  Score 5;  DB 9;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

)y          1 E 1
            |
)b          3 E 3


!ESULT 30
)S-09-804-866-13
  Sequence 13, Application US/09804866
  Patent No. US20020001814A1
  GENERAL INFORMATION:
   APPLICANT: Chu, Ivan K.
   APPLICANT:  Lau, Tai-Chu
   APPLICANT:  Siu, K. W. Michael
   TITLE OF INVENTION: Sequencing of Peptides by Mass Spectrometry
   FILE REFERENCE: 7933.208-US-U1
   CURRENT APPLICATION NUMBER: US/09/804,866
   CURRENT FILING DATE:  2001-03-13
   PRIOR APPLICATION NUMBER: US 60/193,208
   PRIOR FILING DATE: 2000-03-30
   NUMBER OF SEQ ID NOS: 16
   SOFTWARE: PatentIn version 3.1
  SEQ ID NO 13
    LENGTH: 5
    TYPE: PRT
    ORGANISM: Bovine ubiquitin
)S-09-804-866-13

  Query Match             55.6%;  Score 5;  DB 9;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

)y          1 E 1
            |
)b          4 E 4


!ESULT 31
)S-09-794-589-6
; Sequence 6, Application US/09794589
; Patent No. US20020004224A1
; GENERAL INFORMATION:
;  APPLICANT: Sheppard, Paul O.
;  TITLE OF INVENTION: KUNITZ DOMAIN POLYPEPTIDE ZKUN8
;  FILE REFERENCE: 00-01
;  CURRENT APPLICATION NUMBER: US/09/794,589
;  CURRENT FILING DATE:  2001-02-27
;  PRIOR APPLICATION NUMBER: US 60/186,069
;  PRIOR FILING DATE: 2000-02-29
;  NUMBER OF SEQ ID NOS: 7
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 6
;   LENGTH: 5
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: peptide
US-09-794-589-6

  Query Match             55.6%;  Score 5;  DB 9;  Length 5;
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  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
            |
Db          1 E 1


RESULT 32
US-09-861-696-37
; Sequence 37, Application US/09861696
; Patent No. US20020007053A1
; GENERAL INFORMATION:
;  APPLICANT: Barry, Gerard F.
;  APPLICANT:  Kishore, Ganesh M.
;  APPLICANT:  Padgette, Stephen R.
;  APPLICANT:  Stallings, William C.
;  TITLE OF INVENTION: GLYPHOSATE TOLERANT 5-ENOLPYRUVYLSHIKIMATE-3-PHOSPHATE SYNTHASES
;  FILE REFERENCE: 11899.0175.CNUS04    MOBT:175-4
;  CURRENT APPLICATION NUMBER: US/09/861,696
;  CURRENT FILING DATE:  2001-05-21
;  PRIOR APPLICATION NUMBER: US 09/137,440
;  PRIOR FILING DATE: 1998-08-20
;  PRIOR APPLICATION NUMBER: US 08/833,485
;  PRIOR FILING DATE: 1997-04-07
;  PRIOR APPLICATION NUMBER: US 08/306,063
;  PRIOR FILING DATE: 1994-09-13
;  PRIOR APPLICATION NUMBER: US 07/749,611
;  PRIOR FILING DATE: 1991-08-28
;  PRIOR APPLICATION NUMBER: US 07/576,537
;  PRIOR FILING DATE: 1990-08-31
;  NUMBER OF SEQ ID NOS: 70
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 37
;   LENGTH: 5
;   TYPE: PRT
;   ORGANISM: Artificial sequence
;   FEATURE:
;   OTHER INFORMATION: Synthetic
;   NAME/KEY: NON_CONS
;   LOCATION: (2)..(2)
;   OTHER INFORMATION: Xaa = Gly, Ser, Thr, Cys, Tyr, Asn, Gln, Asp, or Glu
;   NAME/KEY: NON_CONS
;   LOCATION: (4)..(4)
;   OTHER INFORMATION: Xaa = Ser or Thr
US-09-861-696-37

  Query Match             55.6%;  Score 5;  DB 9;  Length 5;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+05;
  Matches    1;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 E 1
            |
Db          5 E 5


RESULT 33
US-09-096-749A-53
; Sequence 53, Application US/09096749A
; Patent No. US20020019517A1
; GENERAL INFORMATION:
;   APPLICANT:  Koieda, Shohei
;   TITLE OF INVENTION:  ARTIFICIAL ANTIBODY POLYPEPTIDES
;   NUMBER OF SEQUENCES:  118
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  Schwegman, Lundberg, Woessner & Kluth P.A.
;     STREET:  121 South Eighth Street, Ste. 1600
;     CITY:  Minneapolis
;     STATE:  MN
```

; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/096,749A
; FILING DATE: June 12, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ann S. Viksnins
; REGISTRATION NUMBER: 37,748
; REFERENCE/DOCKET NUMBER: 109.034US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (612) 373-6900
; TELEFAX: (612) 339-3061
; INFORMATION FOR SEQ ID NO: 53:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
US-09-096-749A-53

Query Match 55.6%; Score 5; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.3e+05;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 E 1
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Db 5 E 5

RESULT 34
US-09-096-749A-59
; Sequence 59, Application US/09096749A
; Patent No. US20020019517A1
; GENERAL INFORMATION:
; APPLICANT: Koieda, Shohei
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
; STREET: 121 South Eighth Street, Ste. 1600
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/096,749A
; FILING DATE: June 12, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ann S. Viksnins
; REGISTRATION NUMBER: 37,748
; REFERENCE/DOCKET NUMBER: 109.034US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (612) 373-6900
; TELEFAX: (612) 339-3061
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
US-09-096-749A-59

Query Match 55.6%; Score 5; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.3e+05;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 E 1
|
Db 4 E 4

RESULT 35
US-09-096-749A-63
; Sequence 63, Application US/09096749A
; Patent No. US20020019517A1
; GENERAL INFORMATION:
; APPLICANT: Koieda, Shohei
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
; STREET: 121 South Eighth Street, Ste. 1600
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/096,749A
; FILING DATE: June 12, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ann S. Viksnins
; REGISTRATION NUMBER: 37,748
; REFERENCE/DOCKET NUMBER: 109.034US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (612) 373-6900
; TELEFAX: (612) 339-3061
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
US-09-096-749A-63

Query Match 55.6%; Score 5; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.3e+05;
Matches 1; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 E 1
|
b 1 E 1

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Maximum Match 100%
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18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

esult No.	Score	% Query Match	Length	DB	ID	Description
1	21	72.4	6	9	US-09-757-908A-10	Sequence 10, Appl
2	16	55.2	6	9	US-09-741-148A-19	Sequence 19, Appl
3	16	55.2	6	14	US-10-254-577-19	Sequence 19, Appl
4	16	55.2	6	14	US-10-006-869-326	Sequence 326, App
5	16	55.2	6	14	US-10-006-869-338	Sequence 338, App
6	16	55.2	6	14	US-10-006-869-380	Sequence 380, App
7	16	55.2	6	14	US-10-006-869-2137	Sequence 2137, Ap
8	16	55.2	6	14	US-10-006-869-2230	Sequence 2230, Ap
9	16	55.2	6	15	US-10-395-032-326	Sequence 326, App
10	16	55.2	6	15	US-10-395-032-338	Sequence 338, App
11	16	55.2	6	15	US-10-395-032-380	Sequence 380, App
12	16	55.2	6	15	US-10-395-032-2137	Sequence 2137, Ap
13	16	55.2	6	15	US-10-395-032-2230	Sequence 2230, Ap
14	15	51.7	6	9	US-09-823-829-40	Sequence 40, Appl
15	15	51.7	6	9	US-09-823-823-40	Sequence 40, Appl
16	15	51.7	6	13	US-10-024-935-5	Sequence 5, Appli
17	15	51.7	6	13	US-10-024-935-14	Sequence 14, Appl
18	15	51.7	6	13	US-10-024-935-17	Sequence 17, Appl
19	15	51.7	6	14	US-10-271-181B-2	Sequence 2, Appli
20	15	51.7	6	15	US-10-163-106B-29	Sequence 29, Appl
21	15	51.7	6	15	US-10-431-048-54	Sequence 54, Appl
22	14	48.3	6	9	US-09-757-908A-9	Sequence 9, Appli
23	14	48.3	6	9	US-09-771-209-50	Sequence 50, Appl
24	14	48.3	6	9	US-09-961-834-2	Sequence 2, Appli
25	14	48.3	6	9	US-09-982-172-102	Sequence 102, App
26	14	48.3	6	9	US-09-969-192-67	Sequence 67, Appl
27	14	48.3	6	9	US-09-976-736-47	Sequence 47, Appl
28	14	48.3	6	10	US-09-782-385A-35	Sequence 35, Appl
29	14	48.3	6	10	US-09-507-362-104	Sequence 104, App
30	14	48.3	6	10	US-09-983-025-23	Sequence 23, Appl
31	14	48.3	6	10	US-09-932-165-1446	Sequence 1446, Ap
32	14	48.3	6	12	US-10-457-082-18	Sequence 18, Appl
33	14	48.3	6	13	US-10-007-761-52	Sequence 52, Appl
34	14	48.3	6	13	US-10-036-869-5	Sequence 5, Appli
35	14	48.3	6	14	US-10-232-563-15	Sequence 15, Appl
36	14	48.3	6	14	US-10-151-484-137	Sequence 137, App
37	14	48.3	6	14	US-10-251-703-17	Sequence 17, Appl
38	14	48.3	6	14	US-10-204-555-1	Sequence 1, Appli
39	14	48.3	6	14	US-10-204-555-4	Sequence 4, Appli
40	14	48.3	6	14	US-10-300-694A-78	Sequence 78, Appl
41	14	48.3	6	14	US-10-300-694A-84	Sequence 84, Appl
42	14	48.3	6	15	US-10-391-399-127	Sequence 127, App
43	14	48.3	6	15	US-10-391-441-104	Sequence 104, App
44	14	48.3	6	15	US-10-377-079-38	Sequence 38, Appl
45	14	48.3	6	15	US-10-377-079-44	Sequence 44, Appl
46	14	48.3	6	15	US-10-402-029-25	Sequence 25, Appl
47	14	48.3	6	15	US-10-402-029-26	Sequence 26, Appl
48	14	48.3	6	15	US-10-402-029-27	Sequence 27, Appl
49	14	48.3	6	15	US-10-402-029-28	Sequence 28, Appl
50	14	48.3	6	15	US-10-402-029-29	Sequence 29, Appl

ALIGNMENTS

RESULT 1
US-09-757-908A-10
; Sequence 10, Application US/09757908A
; Patent No. US20020052468A1
; GENERAL INFORMATION:
; APPLICANT: Conklin, Darrell
; TITLE OF INVENTION: Disulfide Core Polypeptides
; FILE REFERENCE: 98-13D1
; CURRENT APPLICATION NUMBER: US/09/757,908A
; CURRENT FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: US 09/326,039
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: US 60/088,136
; PRIOR FILING DATE: 1998-06-04
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-757-908A-10

Query Match 72.4%; Score 21; DB 9; Length 6;
Best Local Similarity 50.0%; Pred. No. 9.5e+05;
Matches 3; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

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Qy          1 DKLIGS 6
              |:|:|:
Db          1 DRLLGT 6
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RESULT 2
US-09-741-148A-19

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; Sequence 19, Application US/09741148A
; Patent No. US20020076750A1
; GENERAL INFORMATION:
;  APPLICANT: Chunhua YAN et al.
;  TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
;  TITLE OF INVENTION:  NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
;  TITLE OF INVENTION:  AND USES THEREOF
;  FILE REFERENCE: CL000566
;  CURRENT APPLICATION NUMBER: US/09/741,148A
;  CURRENT FILING DATE:  2002-04-15
;  PRIOR APPLICATION NUMBER: 60/206,982
;  PRIOR FILING DATE: 2000-05-25
;  NUMBER OF SEQ ID NOS: 37
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 19
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Homo sapien
JS-09-741-148A-19

  Query Match             55.2%;  Score 16;  DB 9;  Length 6;
  Best Local Similarity   75.0%;  Pred. No. 9.5e+05;
  Matches    3;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          3 LIGS 6
              :|||
Db          3 IIGS 6


RESULT 3
US-10-254-577-19
; Sequence 19, Application US/10254577
; Publication No. US20030027746A1
; GENERAL INFORMATION:
;  APPLICANT: Chunhua YAN et al.
;  TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
;  TITLE OF INVENTION:  NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
;  TITLE OF INVENTION:  AND USES THEREOF
;  FILE REFERENCE: CL000566 CON
;  CURRENT APPLICATION NUMBER: US/10/254,577
;  CURRENT FILING DATE:  2002-09-26
;  PRIOR APPLICATION NUMBER: 09/741,148
;  PRIOR FILING DATE: 2000-12-21
;  PRIOR APPLICATION NUMBER: 60/206,982
;  PRIOR FILING DATE: 2000-05-25
;  NUMBER OF SEQ ID NOS: 37
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 19
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Homo sapien
US-10-254-577-19

  Query Match             55.2%;  Score 16;  DB 14;  Length 6;
  Best Local Similarity   75.0%;  Pred. No. 9.5e+05;
  Matches    3;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          3 LIGS 6
              :|||
Db          3 IIGS 6


RESULT 4
US-10-006-869-326
; Sequence 326, Application US/10006869
; Publication No. US20030082166A1
; GENERAL INFORMATION:
;  APPLICANT: Blaschuk, Orest W.
;  APPLICANT:  Symonds, James Matthew
;  APPLICANT:  Gour, Barbara J.
;  TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
;  TITLE OF INVENTION:  CADHERIN-MEDIATED FUNCTIONS
;  FILE REFERENCE: 100086.407C7
;  CURRENT APPLICATION NUMBER: US/10/006,869
;  CURRENT FILING DATE:  2001-12-03
;  NUMBER OF SEQ ID NOS: 4052
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 326
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Representative linear modulating agent based on
;   OTHER INFORMATION: cadherin-15 cell adhesion recognition sequence
US-10-006-869-326

  Query Match             55.2%;  Score 16;  DB 14;  Length 6;
  Best Local Similarity   60.0%;  Pred. No. 9.5e+05;
  Matches    3;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 DKLIG 5
              ||  |
Db          2 DKFTG 6


RESULT 5
US-10-006-869-338
; Sequence 338, Application US/10006869
; Publication No. US20030082166A1
; GENERAL INFORMATION:
;  APPLICANT: Blaschuk, Orest W.
;  APPLICANT:  Symonds, James Matthew
;  APPLICANT:  Gour, Barbara J.
;  TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
;  TITLE OF INVENTION:  CADHERIN-MEDIATED FUNCTIONS
;  FILE REFERENCE: 100086.407C7
;  CURRENT APPLICATION NUMBER: US/10/006,869
;  CURRENT FILING DATE:  2001-12-03
;  NUMBER OF SEQ ID NOS: 4052
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 338
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Representative linear modulating agent based on
;   OTHER INFORMATION: cadherin-15 cell adhesion recognition sequence
US-10-006-869-338

  Query Match             55.2%;  Score 16;  DB 14;  Length 6;
  Best Local Similarity   60.0%;  Pred. No. 9.5e+05;
  Matches    3;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 DKLIG 5
              |:| |
Db          2 DELTG 6


RESULT 6
US-10-006-869-380
; Sequence 380, Application US/10006869
; Publication No. US20030082166A1
; GENERAL INFORMATION:
;  APPLICANT: Blaschuk, Orest W.
;  APPLICANT:  Symonds, James Matthew
;  APPLICANT:  Gour, Barbara J.
;  TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
;  TITLE OF INVENTION:  CADHERIN-MEDIATED FUNCTIONS
;  FILE REFERENCE: 100086.407C7
;  CURRENT APPLICATION NUMBER: US/10/006,869
;  CURRENT FILING DATE:  2001-12-03
;  NUMBER OF SEQ ID NOS: 4052
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 380
;   LENGTH: 6
;   TYPE: PRT
```

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Representative linear modulating agent based on
OTHER INFORMATION: PB-cadherin cell adhesion recognition sequence
3-10-006-869-380

Query Match 55.2%; Score 16; DB 14; Length 6;
Best Local Similarity 60.0%; Pred. No. 9.5e+05;
Matches 3; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

y 1 DKLIG 5
|:| |
o 2 DELTG 6

ESULT 7
S-10-006-869-2137
Sequence 2137, Application US/10006869
Publication No. US20030082166A1
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orest W.
APPLICANT: Symonds, James Matthew
APPLICANT: Gour, Barbara J.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
FILE REFERENCE: 100086.407C7
CURRENT APPLICATION NUMBER: US/10/006,869
CURRENT FILING DATE: 2001-12-03
NUMBER OF SEQ ID NOS: 4052
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2137
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Representative cyclic modulating agent based on
OTHER INFORMATION: cadherin-15 cell adhesion recognition sequence
S-10-006-869-2137

Query Match 55.2%; Score 16; DB 14; Length 6;
Best Local Similarity 60.0%; Pred. No. 9.5e+05;
Matches 3; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 1 DKLIG 5
|| |
b 2 DKFTG 6

ESULT 8
S-10-006-869-2230
Sequence 2230, Application US/10006869
Publication No. US20030082166A1
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orest W.
APPLICANT: Symonds, James Matthew
APPLICANT: Gour, Barbara J.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
FILE REFERENCE: 100086.407C7
CURRENT APPLICATION NUMBER: US/10/006,869
CURRENT FILING DATE: 2001-12-03
NUMBER OF SEQ ID NOS: 4052
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2230
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Representative cyclic modulating agent based on
OTHER INFORMATION: cadherin-15 cell adhesion recognition sequence
!S-10-006-869-2230

Query Match 55.2%; Score 16; DB 14; Length 6;
Best Local Similarity 60.0%; Pred. No. 9.5e+05;
Matches 3; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DKLIG 5
|:| |
Db 2 DELTG 6

RESULT 9
US-10-395-032-326
; Sequence 326, Application US/10395032
; Publication No. US20030229199A1
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C9
; CURRENT APPLICATION NUMBER: US/10/395,032
; CURRENT FILING DATE: 2003-03-21
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 326
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative linear modulating agent based on
; OTHER INFORMATION: cadherin-15 cell adhesion recognition sequence
US-10-395-032-326

Query Match 55.2%; Score 16; DB 15; Length 6;
Best Local Similarity 60.0%; Pred. No. 9.5e+05;
Matches 3; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 DKLIG 5
|| |
Db 2 DKFTG 6

RESULT 10
US-10-395-032-338
; Sequence 338, Application US/10395032
; Publication No. US20030229199A1
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C9
; CURRENT APPLICATION NUMBER: US/10/395,032
; CURRENT FILING DATE: 2003-03-21
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 338
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative linear modulating agent based on
; OTHER INFORMATION: cadherin-15 cell adhesion recognition sequence
US-10-395-032-338

Query Match 55.2%; Score 16; DB 15; Length 6;
Best Local Similarity 60.0%; Pred. No. 9.5e+05;
Matches 3; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DKLIG 5
|:| |
Db 2 DELTG 6

```
RESULT 11
US-10-395-032-380
; Sequence 380, Application US/10395032
; Publication No. US20030229199A1
; GENERAL INFORMATION:
;  APPLICANT: Blaschuk, Orest W.
;  APPLICANT:  Symonds, James Matthew
;  APPLICANT:  Gour, Barbara J.
;  TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
;  TITLE OF INVENTION:  CADHERIN-MEDIATED FUNCTIONS
;  FILE REFERENCE: 100086.407C9
;  CURRENT APPLICATION NUMBER: US/10/395,032
;  CURRENT FILING DATE:  2003-03-21
;  NUMBER OF SEQ ID NOS: 4052
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 380
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Representative linear modulating agent based on
;   OTHER INFORMATION: PB-cadherin cell adhesion recognition sequence
US-10-395-032-380

  Query Match             55.2%;  Score 16;  DB 15;  Length 6;
  Best Local Similarity   60.0%;  Pred. No. 9.5e+05;
  Matches    3;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 DKLIG 5
              |:| |
Db          2 DELTG 6


RESULT 12
US-10-395-032-2137
; Sequence 2137, Application US/10395032
; Publication No. US20030229199A1
; GENERAL INFORMATION:
;  APPLICANT: Blaschuk, Orest W.
;  APPLICANT:  Symonds, James Matthew
;  APPLICANT:  Gour, Barbara J.
;  TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
;  TITLE OF INVENTION:  CADHERIN-MEDIATED FUNCTIONS
;  FILE REFERENCE: 100086.407C9
;  CURRENT APPLICATION NUMBER: US/10/395,032
;  CURRENT FILING DATE:  2003-03-21
;  NUMBER OF SEQ ID NOS: 4052
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2137
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Representative cyclic modulating agent based on
;   OTHER INFORMATION: cadherin-15 cell adhesion recognition sequence
US-10-395-032-2137

  Query Match             55.2%;  Score 16;  DB 15;  Length 6;
  Best Local Similarity   60.0%;  Pred. No. 9.5e+05;
  Matches    3;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 DKLIG 5
              ||  |
Db          2 DKFTG 6


RESULT 13
US-10-395-032-2230
; Sequence 2230, Application US/10395032
; Publication No. US20030229199A1
; GENERAL INFORMATION:
;  APPLICANT: Blaschuk, Orest W.
;  APPLICANT:  Symonds, James Matthew
;  APPLICANT:  Gour, Barbara J.
;  TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
;  TITLE OF INVENTION:  CADHERIN-MEDIATED FUNCTIONS
;  FILE REFERENCE: 100086.407C9
;  CURRENT APPLICATION NUMBER: US/10/395,032
;  CURRENT FILING DATE:  2003-03-21
;  NUMBER OF SEQ ID NOS: 4052
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2230
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Representative cyclic modulating agent based on
;   OTHER INFORMATION: cadherin-15 cell adhesion recognition sequence
US-10-395-032-2230

  Query Match             55.2%;  Score 16;  DB 15;  Length 6;
  Best Local Similarity   60.0%;  Pred. No. 9.5e+05;
  Matches    3;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 DKLIG 5
              |:| |
Db          2 DELTG 6


RESULT 14
US-09-823-829-40
; Sequence 40, Application US/09823829
; Patent No. US20020146697A1
; GENERAL INFORMATION:
;  APPLICANT: Yamamoto, Satoshi
;  APPLICANT:  Nakamura, Shoko
;  APPLICANT:  Suzuki, Makoto
;  APPLICANT:  Kasai, Hiroaki
;  APPLICANT:  Hamada, Tohru
;  TITLE OF INVENTION: METHOD FOR IDENTIFICATION AND DETECTION OF MICROORGANISMS
;  TITLE OF INVENTION:  USING GYRASE GENE AS AN INDICATOR
;  FILE REFERENCE: 12817-004001
;  CURRENT APPLICATION NUMBER: US/09/823,829
;  CURRENT FILING DATE:  2001-03-30
;  PRIOR APPLICATION NUMBER: US 09/208,688
;  PRIOR FILING DATE: 1998-12-10
;  PRIOR APPLICATION NUMBER: JP 97/343316
;  PRIOR FILING DATE: 1997-12-12
;  NUMBER OF SEQ ID NOS: 82
;  SOFTWARE: PatentIn version 2.0
; SEQ ID NO 40
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: synthetically generated peptide
US-09-823-829-40

  Query Match             51.7%;  Score 15;  DB 9;  Length 6;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    3;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DKL 3
              |||
Db          4 DKL 6


RESULT 15
US-09-823-823-40
; Sequence 40, Application US/09823823
; Patent No. US20020171092A1
; GENERAL INFORMATION:
;  APPLICANT: Yamamoto, Satoshi
;  APPLICANT:  Kasai, Hiroaki
;  APPLICANT:  Nakamura, Shoko
```

```
  APPLICANT:  Suzuki, Makoto
  APPLICANT:  Hamoda, Tohru
  TITLE OF INVENTION: METHOD FOR IDENTIFICATION AND DETECTION OF MICROORGANISMS USING G
  TITLE OF INVENTION:  GENE AS AN INDICATOR
  FILE REFERENCE: 12817-004001
  CURRENT APPLICATION NUMBER: US/09/823,823
  CURRENT FILING DATE:  2001-03-30
  PRIOR APPLICATION NUMBER: US 09/208,688
  PRIOR FILING DATE: 1998-12-10
  PRIOR APPLICATION NUMBER: JP 97/343316
  PRIOR FILING DATE: 1997-12-12
  NUMBER OF SEQ ID NOS: 80
  SOFTWARE: PatentIn version 2.0
 SEQ ID NO 40
   LENGTH: 6
   TYPE: PRT
   ORGANISM: Artificial Sequence
   FEATURE:
   OTHER INFORMATION: Synthetically generated protein
S-09-823-823-40

 Query Match             51.7%;  Score 15;  DB 9;  Length 6;
 Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
 Matches    3;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          1 DKL 3
             |||
b          4 DKL 6


ESULT 16
S-10-024-935-5
 Sequence 5, Application US/10024935
 Publication No. US20020142966A1
 GENERAL INFORMATION:
  APPLICANT: Kenneth Walter Bair
  APPLICANT:  YingNan Pan Chen
  APPLICANT:  Timothy Michael Ramsey
  APPLICANT:  Michael Lloyd Sabio
  APPLICANT:  Sushill  Kumar Sharma
  TITLE OF INVENTION: Inhibitors of the E2F-1/Cyclin
  TITLE OF INVENTION:  Interaction for Cancer Therapy
  FILE REFERENCE: 4-31664P1/Prov
  CURRENT APPLICATION NUMBER: US/10/024,935
  CURRENT FILING DATE:  2001-12-19
  NUMBER OF SEQ ID NOS: 19
  SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 5
   LENGTH: 6
   TYPE: PRT
   ORGANISM: Artificial Sequence
   FEATURE:
   OTHER INFORMATION: SYNTHETIC PROTEIN
'S-10-024-935-5

 Query Match             51.7%;  Score 15;  DB 13;  Length 6;
 Best Local Similarity   75.0%;  Pred. No. 9.5e+05;
 Matches    3;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

'y          2 KLIG 5
              || |
'b          3 KLFG 6


ESULT 17
'S-10-024-935-14
 Sequence 14, Application US/10024935
 Publication No. US20020142966A1
 GENERAL INFORMATION:
  APPLICANT: Kenneth Walter Bair
  APPLICANT:  YingNan Pan Chen
  APPLICANT:  Timothy Michael Ramsey
  APPLICANT:  Michael Lloyd Sabio
;  APPLICANT:  Sushill  Kumar Sharma
;  TITLE OF INVENTION: Inhibitors of the E2F-1/Cyclin
;  TITLE OF INVENTION:  Interaction for Cancer Therapy
;  FILE REFERENCE: 4-31664P1/Prov
;  CURRENT APPLICATION NUMBER: US/10/024,935
;  CURRENT FILING DATE:  2001-12-19
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 14
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: SYNTHETIC PROTEIN
US-10-024-935-14

  Query Match             51.7%;  Score 15;  DB 13;  Length 6;
  Best Local Similarity   75.0%;  Pred. No. 9.5e+05;
  Matches    3;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 KLIG 5
              || |
Db          3 KLFG 6


RESULT 18
US-10-024-935-17
; Sequence 17, Application US/10024935
; Publication No. US20020142966A1
; GENERAL INFORMATION:
;  APPLICANT: Kenneth Walter Bair
;  APPLICANT:  YingNan Pan Chen
;  APPLICANT:  Timothy Michael Ramsey
;  APPLICANT:  Michael Lloyd Sabio
;  APPLICANT:  Sushill  Kumar Sharma
;  TITLE OF INVENTION: Inhibitors of the E2F-1/Cyclin
;  TITLE OF INVENTION:  Interaction for Cancer Therapy
;  FILE REFERENCE: 4-31664P1/Prov
;  CURRENT APPLICATION NUMBER: US/10/024,935
;  CURRENT FILING DATE:  2001-12-19
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Synthetic protein
US-10-024-935-17

  Query Match             51.7%;  Score 15;  DB 13;  Length 6;
  Best Local Similarity   75.0%;  Pred. No. 9.5e+05;
  Matches    3;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 KLIG 5
              || |
Db          3 KLFG 6


RESULT 19
US-10-271-181B-2
; Sequence 2, Application US/10271181B
; Publication No. US20030158672A1
; GENERAL INFORMATION:
;  APPLICANT: Kalyanaraman Ramnarayan
;  APPLICANT:  Edward T. Maggio
;  APPLICANT:  P. Patrick Hess
;  TITLE OF INVENTION: Use of Computationally Derived Protein
;  TITLE OF INVENTION:  Structures of Genetic Polymorphisms in Pharmacogenomics for
;  TITLE OF INVENTION:  Drug Design and Clinical Applications
;  FILE REFERENCE: 24737-1906D
;  CURRENT APPLICATION NUMBER: US/10/271,181B
;  CURRENT FILING DATE:  2002-10-10
```

```
;  PRIOR APPLICATION NUMBER: 09/438,566
;  PRIOR FILING DATE: 1999-11-10
;  PRIOR APPLICATION NUMBER: 09/704,362
;  PRIOR FILING DATE: 2000-11-01
;  PRIOR APPLICATION NUMBER: 09/709,905
;  PRIOR FILING DATE: 2000-11-10
;  NUMBER OF SEQ ID NOS: 118
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Modified Hepatitis C Virus NS3 Protease Inhibitor
;   OTHER INFORMATION: Peptide
;   FEATURE:
;   NAME/KEY: ACETYLATION
;   LOCATION: 1
;   FEATURE:
;   NAME/KEY: VARIANT
;   LOCATION: 5
;   OTHER INFORMATION: Xaa = beta-cyclohexylalanine
;  PUBLICATION INFORMATION:
;   AUTHORS: Ingallinella, P., Altamura, S., Bianchi, E., Talia
;   TITLE: Potent Peptide Inhibitors Of Human Hepatitis C Vir
;   JOURNAL: Biochemistry
;   VOLUME: 37
;   ISSUE: 25
;   PAGES: 8906-8914
;   DATE: 1998-06-23
JS-10-271-181B-2

  Query Match             51.7%;  Score 15;  DB 14;  Length 6;
  Best Local Similarity   75.0%;  Pred. No. 9.5e+05;
  Matches    3;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DKLI 4
              |:||
Db          1 DELI 4


RESULT 20
JS-10-163-106B-29
; Sequence 29, Application US/10163106B
; Publication No. US20030219462A1
; GENERAL INFORMATION:
;  APPLICANT: Allergan Sales, Inc.
;  APPLICANT:  Steward, Lance
;  APPLICANT:  Fernandez-Salas, Ester
;  APPLICANT:  Herrington, Todd
;  APPLICANT:  Aoki, K. Roger
;  TITLE OF INVENTION: CLOSTRIDIAL NEUROTOXIN COMPOSITIONS AND MODIFIED CLOSTRIDIAL NEUR
;  FILE REFERENCE: 17355CIP2 (BOT)
;  CURRENT APPLICATION NUMBER: US/10/163,106B
;  CURRENT FILING DATE:  2002-06-04
;  PRIOR APPLICATION NUMBER: 09/910,346
;  PRIOR FILING DATE: 2001-07-20
;  PRIOR APPLICATION NUMBER: 09/620,840
;  PRIOR FILING DATE: 2000-07-21
;  NUMBER OF SEQ ID NOS: 35
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 29
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Unknown
;   FEATURE:
;   OTHER INFORMATION: Biological persistence altering component
JS-10-163-106B-29

  Query Match             51.7%;  Score 15;  DB 15;  Length 6;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    3;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DKL 3
              |||
Db          2 DKL 4


RESULT 21
US-10-431-048-54
; Sequence 54, Application US/10431048
; Publication No. US20040010116A1
; GENERAL INFORMATION:
;  APPLICANT: Ashkar, Samy
;  TITLE OF INVENTION: Minicell Display and Products Therefrom
;  FILE REFERENCE: CMCC 1031
;  CURRENT APPLICATION NUMBER: US/10/431,048
;  CURRENT FILING DATE:  2003-05-06
;  PRIOR APPLICATION NUMBER: 60/379,584
;  PRIOR FILING DATE: 2002-05-10
;  PRIOR APPLICATION NUMBER: 60/384,567
;  PRIOR FILING DATE: 2002-05-29
;  NUMBER OF SEQ ID NOS: 57
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Artificial sequence
;   FEATURE:
;   OTHER INFORMATION: Synthetic peptide
;   FEATURE:
;   NAME/KEY: MOD_RES
;   LOCATION: (1)..(1)
;   OTHER INFORMATION: ACETYLATION
US-10-431-048-54

  Query Match             51.7%;  Score 15;  DB 15;  Length 6;
  Best Local Similarity   50.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DKLI 4
              ||::
Db          1 DKML 4


RESULT 22
US-09-757-908A-9
; Sequence 9, Application US/09757908A
; Patent No. US20020052468A1
; GENERAL INFORMATION:
;  APPLICANT: Conklin, Darrell
;  TITLE OF INVENTION: Disulfide Core Polypeptides
;  FILE REFERENCE: 98-13D1
;  CURRENT APPLICATION NUMBER: US/09/757,908A
;  CURRENT FILING DATE:  2001-01-10
;  PRIOR APPLICATION NUMBER: US 09/326,039
;  PRIOR FILING DATE: 1999-06-04
;  PRIOR APPLICATION NUMBER: US 60/088,136
;  PRIOR FILING DATE: 1998-06-04
;  NUMBER OF SEQ ID NOS: 23
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 9
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-757-908A-9

  Query Match             48.3%;  Score 14;  DB 9;  Length 6;
  Best Local Similarity   40.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    3;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 KLIGS 6
              :|:|:
Db          2 QLLGT 6
```

```
ESULT 23
S-09-771-209-50
 Sequence 50, Application US/09771209
 Patent No. US20020064817A1
 GENERAL INFORMATION:
  APPLICANT: Buck, Linda
  APPLICANT:  Axel, Richard
  TITLE OF INVENTION: ODORANT RECEPTORS AND USES THEREOF
  FILE REFERENCE: 0575/38586-B/JPW/ADM
  CURRENT APPLICATION NUMBER: US/09/771,209
  CURRENT FILING DATE:  2002-01-26
  PRIOR APPLICATION NUMBER: US 08/129,079
  PRIOR FILING DATE: 1993-10-05
  NUMBER OF SEQ ID NOS: 80
  SOFTWARE: PatentIn version 3.0
 SEQ ID NO 50
    LENGTH: 6
    TYPE: PRT
    ORGANISM: Artificial Sequence
    FEATURE:
    OTHER INFORMATION: .
S-09-771-209-50

 Query Match             48.3%;  Score 14;  DB 9;  Length 6;
 Best Local Similarity   40.0%;  Pred. No. 9.5e+05;
 Matches    2;  Conservative    2;  Mismatches    1;  Indels    0;  Gaps    0;

y          2 KLIGS 6
             |:: |
b          1 KIVSS 5


ESULT 24
S-09-961-834-2
 Sequence 2, Application US/09961834
 Patent No. US20020081726A1
 GENERAL INFORMATION:
  APPLICANT: Russell et al.
  TITLE OF INVENTION: MICROFABRICATION OF MEMBRANES FOR THE GROWTH OF CELLS
  FILE REFERENCE: 27611/37761
  CURRENT APPLICATION NUMBER: US/09/961,834
  CURRENT FILING DATE:  2001-09-24
  PRIOR APPLICATION NUMBER: US 60/235,094
  PRIOR FILING DATE: 2000-09-25
  NUMBER OF SEQ ID NOS: 6
  SOFTWARE: PatentIn version 3.1
 SEQ ID NO 2
    LENGTH: 6
    TYPE: PRT
    ORGANISM: Laminin ligand receptor
S-09-961-834-2

 Query Match             48.3%;  Score 14;  DB 9;  Length 6;
 Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
 Matches    3;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          4 IGS 6
             |||
b          2 IGS 4


ESULT 25
S-09-982-172-102
 Sequence 102, Application US/09982172
 Patent No. US20020137119A1
 GENERAL INFORMATION:
  APPLICANT: Emil Israel Katz
  TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIE
  TITLE OF INVENTION:  DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERAT
  TITLE OF INVENTION:  UTILIZING EACH
  FILE REFERENCE: 01/22283
  CURRENT APPLICATION NUMBER: US/09/982,172
  CURRENT FILING DATE:  2001-10-19
;  NUMBER OF SEQ ID NOS: 253
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 102
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Artificial sequence
;   FEATURE:
;   OTHER INFORMATION: Computer generated synthetic peptide
US-09-982-172-102

  Query Match             48.3%;  Score 14;  DB 9;  Length 6;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    3;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         4 IGS 6
             |||
Db         3 IGS 5


RESULT 26
US-09-969-192-67
; Sequence 67, Application US/09969192
; Patent No. US20020151027A1
;   GENERAL INFORMATION:
;        APPLICANT: WICKHAM, THOMAS J.
;                   ROELVINK, PETRUS W.
;                   KOVESDI, IMRE
;        TITLE OF INVENTION: TARGETING ADENOVIRUS WITH USE OF
;                            CONSTRAINED PEPTIDE MOTIFS
;        NUMBER OF SEQUENCES: 80
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Leydig, Voit & Mayer, Ltd.
;             STREET: Two Prudential Plaza - 49th Floor
;             CITY: Chicago
;             STATE: Illinois
;             COUNTRY: USA
;             ZIP: 60601
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: PatentIn Release #1.0, Version #1.30
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/09/969,192
;             FILING DATE: 01-Oct-2001
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US 9-455061
;             FILING DATE: 06-DEC-1999
;             APPLICATION NUMBER: US 9-130225
;             FILING DATE: 06-AUG-1998
;             APPLICATION NUMBER: US 8-701124
;             FILING DATE: 21-AUG-1996
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Hefner, M. Daniel
;             REGISTRATION NUMBER: 41,826
;             REFERENCE/DOCKET NUMBER: 213564
;   INFORMATION FOR SEQ ID NO: 67:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 6 amino acids
;             TYPE: amino acid
;             STRANDEDNESS: single
;             TOPOLOGY: linear
;        MOLECULE TYPE: peptide
;        SEQUENCE DESCRIPTION: SEQ ID NO: 67:
US-09-969-192-67

  Query Match             48.3%;  Score 14;  DB 9;  Length 6;
  Best Local Similarity   100.0%;  Pred. No. 9.5e+05;
  Matches    3;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         4 IGS 6
             |||
Db         2 IGS 4
```

```
ESULT 27
S-09-976-736-47
 Sequence 47, Application US/09976736
 Patent No. US20020161178A1
 GENERAL INFORMATION:
  APPLICANT: Bass, Michael B
  APPLICANT:  Sullivan, John K
  APPLICANT:  Theill, Lars E
  APPLICANT:  Wang, Daguang
  TITLE OF INVENTION: NOVEL DKR POLYPEPTIDES
  FILE REFERENCE: A-548
  CURRENT APPLICATION NUMBER: US/09/976,736
  CURRENT FILING DATE:  2001-10-09
  PRIOR APPLICATION NUMBER: US/09/161,241
  PRIOR FILING DATE: 1998-09-25
  NUMBER OF SEQ ID NOS: 78
  SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 47
   LENGTH: 6
   TYPE: PRT
   ORGANISM: Human
S-09-976-736-47

 Query Match          48.3%;  Score 14;  DB 9;  Length 6;
 Best Local Similarity  100.0%;  Pred. No. 9.5e+05;
 Matches    3;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

y          4 IGS 6
             |||
b          4 IGS 6


ESULT 28
S-09-782-385A-35
 Sequence 35, Application US/09782385A
 Publication No. US20030012785A1
 GENERAL INFORMATION:
  APPLICANT: Prakash, Ramesh K.
  APPLICANT:  Clemens, Christopher M.
  TITLE OF INVENTION: CONJUGATES TARGETED TO THE INTERLEUKIN-2
  TITLE OF INVENTION:  RECEPTOR
  FILE REFERENCE: 290652004710
  CURRENT APPLICATION NUMBER: US/09/782,385A
  CURRENT FILING DATE:  2001-02-12
  PRIOR APPLICATION NUMBER: US 09/128,572
  PRIOR FILING DATE: 1998-08-04
  PRIOR APPLICATION NUMBER: US 08/914,042
  PRIOR FILING DATE: 1997-08-05
  NUMBER OF SEQ ID NOS: 47
  SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 35
   LENGTH: 6
   TYPE: PRT
   ORGANISM: Artificial Sequence
   FEATURE:
   OTHER INFORMATION: Synthetic Construct
S-09-782-385A-35

 Query Match          48.3%;  Score 14;  DB 10;  Length 6;
 Best Local Similarity  50.0%;  Pred. No. 9.5e+05;
 Matches    2;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

y          1 DKLI 4
             |:|:
b          2 DRLL 5


ESULT 29
S-09-507-362-104
 Sequence 104, Application US/09507362
 Publication No. US20030096397A1
;  GENERAL INFORMATION:
;       APPLICANT: Dubensky Jr., Thomas W.
;                  Polo, John M.
;                  Belli, Barbara A.
;                  Schlesinger, Sondra
;                  Dryga, Sergey A.
;                  Frolov, Ilya
;       TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
;                           WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
;                           SYNTHESIS
;       NUMBER OF SEQUENCES: 125
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: Seed Intellectual Property Law Group PLLC
;            STREET: 701 Fifth Avenue, Suite 6300
;            CITY: Seattle
;            STATE: Washington
;            COUNTRY: USA
;            ZIP: 98104-7092
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: Floppy disk
;            COMPUTER: IBM PC compatible
;            OPERATING SYSTEM: PC-DOS/MS-DOS
;            SOFTWARE: PatentIn Release #1.0, Version #1.30
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/09/507,362
;            FILING DATE: 18-Feb-2000
;            CLASSIFICATION: <Unknown>
;       ATTORNEY/AGENT INFORMATION:
;            NAME: McMasters, David D.
;            REGISTRATION NUMBER: 33,963
;            REFERENCE/DOCKET NUMBER: 930049.457D6 /1196.011
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: (206) 622-4900
;            TELEFAX: (206) 682-6031
;  INFORMATION FOR SEQ ID NO: 104:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 6 amino acids
;            TYPE: amino acid
;            STRANDEDNESS: single
;            TOPOLOGY: linear
;       SEQUENCE DESCRIPTION: SEQ ID NO: 104:
US-09-507-362-104

  Query Match          48.3%;  Score 14;  DB 10;  Length 6;
  Best Local Similarity  50.0%;  Pred. No. 9.5e+05;
  Matches    2;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         3 LIGS 6
             ::||
Db         2 ILGS 5


RESULT 30
US-09-983-025-23
; Sequence 23, Application US/09983025
; Publication No. US20030124529A1
; GENERAL INFORMATION:
;  APPLICANT: OXVIG, Claus
;  APPLICANT:  OVERGAARD, Michael T.
;  TITLE OF INVENTION: PREGNANCY-ASSOCIATED PLASMA PROTEIN-A2 (PAPP-A2)
;  FILE REFERENCE: OXVIG=1A
;  CURRENT APPLICATION NUMBER: US/09/983,025
;  CURRENT FILING DATE:  2001-10-22
;  PRIOR APPLICATION NUMBER: US 60/241,840
;  PRIOR FILING DATE: 2000-10-20
;  PRIOR APPLICATION NUMBER: DK PA 2000 01571
;  PRIOR FILING DATE: 2000-10-20
;  NUMBER OF SEQ ID NOS: 25
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
;   LENGTH: 6
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
```

FEATURE:
OTHER INFORMATION: N-terminal sequence of degradation product of purified rIGFBP-5 d
OTHER INFORMATION: igested with PAPP-A2
S-09-983-025-23

Query Match 48.3%; Score 14; DB 10; Length 6;
Best Local Similarity 50.0%; Pred. No. 9.5e+05;
Matches 2; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

y 2 KLIG 5
| :|
b 1 KFVG 4

ESULT 31
S-09-932-165-1446
Sequence 1446, Application US/09932165
Publication No. US20030134784A1
GENERAL INFORMATION:
APPLICANT: RAITANO, ARTHUR
APPLICANT: CHALLITA-EID, PIA M.
APPLICANT: FARIS, MARY
APPLICANT: SAFFRAN, DOUGLAS
APPLICANT: AFAR, DANIEL
APPLICANT: LEVIN, ELANA
APPLICANT: HUBERT, RENE
APPLICANT: GE, WANGMAO
APPLICANT: JAKOBOVITS, AYA
TITLE OF INVENTION: NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED
TITLE OF INVENTION: 83P2H3 AND CaTrF2E11 USEFUL IN TREATMENT AND
TITLE OF INVENTION: DETECTION OF CANCER
FILE REFERENCE: 51158-20014.00
CURRENT APPLICATION NUMBER: US/09/932,165
CURRENT FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: 60/226,329
PRIOR FILING DATE: 2000-08-17
NUMBER OF SEQ ID NOS: 1508
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1446
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Peptide motif
S-09-932-165-1446

Query Match 48.3%; Score 14; DB 10; Length 6;
Best Local Similarity 75.0%; Pred. No. 9.5e+05;
Matches 3; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

y 2 KLIG 5
|| |
b 3 KLTG 6

ESULT 32
S-10-457-082-18
Sequence 18, Application US/10457082
Publication No. US20040033585A1
GENERAL INFORMATION:
APPLICANT: Large Scale Biology Corporation
TITLE OF INVENTION: FLEXIBLE VACCINE ASSEMBLY AND VACCINE DELIVERY PLATFORM
FILE REFERENCE: N8630
CURRENT APPLICATION NUMBER: US/10/457,082
CURRENT FILING DATE: 2003-06-06
PRIOR APPLICATION NUMBER: 60/386,921
PRIOR FILING DATE: 2002-06-07
PRIOR APPLICATION NUMBER: 60/407,795
PRIOR FILING DATE: 2002-09-03
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn version 3.2
SEQ ID NO 18
LENGTH: 6
; TYPE: PRT
; ORGANISM: human laminin
US-10-457-082-18

Query Match 48.3%; Score 14; DB 12; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 IGS 6
|||
Db 3 IGS 5

RESULT 33
US-10-007-761-52
; Sequence 52, Application US/10007761
; Publication No. US20020150984A1
; GENERAL INFORMATION:
; APPLICANT: Mochly-Rosen, Daria
; TITLE OF INVENTION: Peptides for Activation and Inhibition
; TITLE OF INVENTION: of delta-PKC
; FILE REFERENCE: 58600-8208.US00
; CURRENT APPLICATION NUMBER: US/10/007,761
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/262,060
; PRIOR FILING DATE: 2001-01-18
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: modified fragment of delta V1-1 peptide
US-10-007-761-52

Query Match 48.3%; Score 14; DB 13; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 IGS 6
|||
Db 3 IGS 5

RESULT 34
US-10-036-869-5
; Sequence 5, Application US/10036869
; Publication No. US20020151516A1
; GENERAL INFORMATION:
; APPLICANT: Mixson, James A
; TITLE OF INVENTION: CARRIER:DNA COMPLEXES CONTAINING DNA
; ENCODING ANTI-ANGIOGENIC PEPTIDES AND THEIR USE IN GENE
; THERAPY
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Connolly, Bove, Lodge, & Hutz
; STREET: 1220 Market Street, P.O. Box 2207
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: U.S.A.
; ZIP: 19899
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/036,869
; FILING DATE: 29-No. US20020151516A1-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,526

; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/608,845
; FILING DATE: 16-JUL-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: McMorrow Jr., Robert G
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (302) 658-9141
; TELEFAX: (302) 658-5613
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-036-869-5

Query Match 48.3%; Score 14; DB 13; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 IGS 6
||
Db 3 IGS 5

RESULT 35
US-10-232-563-15
; Sequence 15, Application US/10232563
; Publication No. US20030087394A1
; GENERAL INFORMATION:
; APPLICANT: Sharma, Arun
; TITLE OF INVENTION: INSULIN RELATED TRANSCRIPTION FACTOR AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 10276-072001
; CURRENT APPLICATION NUMBER: US/10/232,563
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/316,453
; PRIOR FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated peptide
US-10-232-563-15

Query Match 48.3%; Score 14; DB 14; Length 6;
Best Local Similarity 50.0%; Pred. No. 9.5e+05;
Matches 2; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DKLI 4
|:|:
Db 3 DQLV 6

Search completed: March 18, 2004, 07:56:59
Job time : 40 secs

GenCore version 5.1.6

M protein - protein search, using sw model

un on: March 18, 2004, 07:49:18 ; Search time 33.5 Seconds
(without alignments)
77.300 Million cell updates/sec

itle: US-09-673-274B-47
erfect score: 57
equence: 1 VWGAVNYTSD 10

coring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

earched: 1049977 seqs, 258955339 residues

otal number of hits satisfying chosen parameters: 32147

inimum DB seq length: 10
aximum DB seq length: 10

ost-processing: Minimum Match 0%
Maximum Match 100%
Listing first 50 summaries

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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
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11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
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17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	26	45.6	10	14	US-10-299-393-10	Sequence 10, Appl
2	25	43.9	10	9	US-09-753-126-96	Sequence 96, Appl
3	25	43.9	10	10	US-09-896-896A-60	Sequence 60, Appl
4	25	43.9	10	15	US-10-330-697-96	Sequence 96, Appl
5	23	40.4	10	14	US-10-050-902-188	Sequence 188, App
6	23	40.4	10	14	US-10-050-898-188	Sequence 188, App
7	22	38.6	10	8	US-08-821-739A-28	Sequence 28, Appl
8	22	38.6	10	9	US-09-445-023A-3	Sequence 3, Appli
9	22	38.6	10	10	US-09-932-165-937	Sequence 937, App
10	22	38.6	10	10	US-09-932-165-1099	Sequence 1099, Ap
11	22	38.6	10	14	US-10-097-597-3	Sequence 3, Appli
12	22	38.6	10	14	US-10-097-580-3	Sequence 3, Appli
13	21	36.8	10	8	US-08-821-739A-92	Sequence 92, Appl
14	21	36.8	10	9	US-09-935-682-51	Sequence 51, Appl
15	21	36.8	10	9	US-09-753-126-124	Sequence 124, App
16	21	36.8	10	9	US-09-886-683A-1	Sequence 1, Appli
17	21	36.8	10	9	US-09-185-908-76	Sequence 76, Appl
18	21	36.8	10	9	US-09-185-908-128	Sequence 128, App
19	21	36.8	10	10	US-09-983-802-377	Sequence 377, App
20	21	36.8	10	10	US-09-896-896A-88	Sequence 88, Appl
21	21	36.8	10	10	US-09-809-638-412	Sequence 412, App
22	21	36.8	10	10	US-09-809-638-466	Sequence 466, App
23	21	36.8	10	10	US-09-572-404B-2042	Sequence 2042, Ap
24	21	36.8	10	10	US-09-572-404B-2044	Sequence 2044, Ap
25	21	36.8	10	10	US-09-572-404B-2642	Sequence 2642, Ap
26	21	36.8	10	12	US-09-973-278-384	Sequence 384, App
27	21	36.8	10	13	US-10-041-030-21	Sequence 21, Appl
28	21	36.8	10	14	US-10-133-210-7	Sequence 7, Appli
29	21	36.8	10	14	US-10-133-210-40	Sequence 40, Appl
30	21	36.8	10	14	US-10-133-210-70	Sequence 70, Appl
31	21	36.8	10	14	US-10-076-047A-48	Sequence 48, Appl
32	21	36.8	10	14	US-10-062-109A-617	Sequence 617, App
33	21	36.8	10	14	US-10-353-929-69	Sequence 69, Appl
34	21	36.8	10	14	US-10-200-708-241	Sequence 241, App
35	21	36.8	10	14	US-10-200-708-355	Sequence 355, App
36	21	36.8	10	14	US-10-200-708-581	Sequence 581, App
37	21	36.8	10	14	US-10-005-480A-617	Sequence 617, App
38	21	36.8	10	15	US-10-285-394-410	Sequence 410, App
39	21	36.8	10	15	US-10-330-697-124	Sequence 124, App
40	20	35.1	10	8	US-08-821-739A-90	Sequence 90, Appl
41	20	35.1	10	9	US-09-817-661-20	Sequence 20, Appl
42	20	35.1	10	9	US-09-826-290-390	Sequence 390, App
43	20	35.1	10	10	US-09-809-638-698	Sequence 698, App
44	20	35.1	10	10	US-09-880-748-3175	Sequence 3175, Ap
45	20	35.1	10	10	US-09-572-404B-1079	Sequence 1079, Ap
46	20	35.1	10	10	US-09-572-404B-2260	Sequence 2260, Ap
47	20	35.1	10	10	US-09-572-270A-584	Sequence 584, App
48	20	35.1	10	10	US-09-572-270A-876	Sequence 876, App
49	20	35.1	10	10	US-09-572-270A-878	Sequence 878, App
50	20	35.1	10	10	US-09-572-270A-880	Sequence 880, App

ALIGNMENTS

RESULT 1
US-10-299-393-10
; Sequence 10, Application US/10299393
; Publication No. US20030108642A1
; GENERAL INFORMATION:
; APPLICANT: Sabatier, Alain
; APPLICANT: Fish, Neville Marshall
; APPLICANT: Haigh, Nigel Paterson
; TITLE OF INVENTION: PENICILIIUM FUNICULOSUM STRAIN USEFUL
; TITLE OF INVENTION: FOR THE PRODUCTION OF ENZYMES
; FILE REFERENCE: A32917-PCT-USA-I (072667.0183)
; CURRENT APPLICATION NUMBER: US/10/299,393
; CURRENT FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 09/462,246
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: EPO 9801161.5
; PRIOR FILING DATE: 1998-05-06
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Penicillium funiculosum
US-10-299-393-10

Query Match 45.6%; Score 26; DB 14; Length 10;
Best Local Similarity 57.1%; Pred. No. 4.1e+02;
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

```
Qy          4 AVNYTSD 10
              |:||  |
Db          3 AINYNQD 9
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RESULT 2
US-09-753-126-96
; Sequence 96, Application US/09753126
; Patent No. US20020127219A1
; GENERAL INFORMATION:
; APPLICANT: OKKELS, JENS SIGURD
; APPLICANT: JENSEN, ANNE DAM
; APPLICANT: HALKIER, TORBEN
; APPLICANT: JENSEN, RIKKE BOLDING
; TITLE OF INVENTION: IMPROVED LYSOSOMAL ENZYMES AND LYSOSOMAL ENZYME
; TITLE OF INVENTION: ACTIVATORS
; FILE REFERENCE: 31-000600US
; CURRENT APPLICATION NUMBER: US/09/753,126
; CURRENT FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: PA 1999 01891
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 60/174,652
; PRIOR FILING DATE: 2000-01-06
; PRIOR APPLICATION NUMBER: PA 200 00865
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: 60/210,984
; PRIOR FILING DATE: 2000-06-12
; PRIOR APPLICATION NUMBER: 60/211,124
; PRIOR FILING DATE: 2000-06-12
; PRIOR APPLICATION NUMBER: PA 2000 01027
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 60/217,497
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 147
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 96
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide
US-09-753-126-96

Query Match 43.9%; Score 25; DB 9; Length 10;
Best Local Similarity 83.3%; Pred. No. 6.3e+02;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 AVNYTS 9
| ||||
Db 1 AFNYTS 6

RESULT 3
US-09-896-896A-60
; Sequence 60, Application US/09896896A
; Publication No. US20030036181A1
; GENERAL INFORMATION:
; APPLICANT: MAXYGEN APS
; TITLE OF INVENTION: PEPTIDE EXTENDED GLYCOSYLATED POLYPEPTIDES
; FILE REFERENCE: 0217us210
; CURRENT APPLICATION NUMBER: US/09/896,896A
; CURRENT FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/217,497
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: US 60/225,558
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: DK PA 2000 01027
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: DK PA 2000 01092
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: PCT/DK00/00743
; PRIOR FILING DATE: 2000-12-29
; PRIOR APPLICATION NUMBER: PCT/DK01/00090
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 60
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide
US-09-896-896A-60

Query Match 43.9%; Score 25; DB 10; Length 10;
Best Local Similarity 83.3%; Pred. No. 6.3e+02;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 AVNYTS 9
| ||||
Db 1 AFNYTS 6

RESULT 4
US-10-330-697-96
; Sequence 96, Application US/10330697
; Publication No. US20040009165A1
; GENERAL INFORMATION:
; APPLICANT: OKKELS, JENS SIGURD
; APPLICANT: JENSEN, ANNE DAM
; APPLICANT: HALKIER, TORBEN
; APPLICANT: JENSEN, RIKKE BOLDING
; TITLE OF INVENTION: IMPROVED LYSOSOMAL ENZYMES AND LYSOSOMAL ENZYME
; TITLE OF INVENTION: ACTIVATORS
; FILE REFERENCE: 31-000600US
; CURRENT APPLICATION NUMBER: US/10/330,697
; CURRENT FILING DATE: 2002-12-27
; PRIOR APPLICATION NUMBER: US/09/753,126
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: PA 1999 01891
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 60/174,652
; PRIOR FILING DATE: 2000-01-06
; PRIOR APPLICATION NUMBER: PA 200 00865
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: 60/210,984
; PRIOR FILING DATE: 2000-06-12
; PRIOR APPLICATION NUMBER: 60/211,124
; PRIOR FILING DATE: 2000-06-12
; PRIOR APPLICATION NUMBER: PA 2000 01027
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 60/217,497
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 147
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 96
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide
US-10-330-697-96

Query Match 43.9%; Score 25; DB 15; Length 10;
Best Local Similarity 83.3%; Pred. No. 6.3e+02;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 AVNYTS 9
| ||||
Db 1 AFNYTS 6

RESULT 5
US-10-050-902-188
; Sequence 188, Application US/10050902
; Publication No. US20030175290A1
; GENERAL INFORMATION:

APPLICANT: Renner, Wolfgang A.
APPLICANT: Bachmann, Martin
APPLICANT: Tissot, Alain
APPLICANT: Maurer, Patrick
APPLICANT: Lechner, Franziska
APPLICANT: Sebbel, Peter
APPLICANT: Piossek, Christine
TITLE OF INVENTION: Molecular Antigen Array
FILE REFERENCE: 1700.0190004
CURRENT APPLICATION NUMBER: US/10/050,902
CURRENT FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US 60/262,379
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: US 60/288,549
PRIOR FILING DATE: 2001-05-04
PRIOR APPLICATION NUMBER: US 60/326,998
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/331,045
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 350
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 188
LENGTH: 10
TYPE: PRT
ORGANISM: IgE Mimotype
S-10-050-902-188

Query Match 40.4%; Score 23; DB 14; Length 10;
Best Local Similarity 57.1%; Pred. No. 1.4e+03;
Matches 4; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 VWGAVNY 7
|| | |
Db 1 VWTACGY 7

RESULT 6
S-10-050-898-188
Sequence 188, Application US/10050898
Publication No. US20030175711A1
GENERAL INFORMATION:
APPLICANT: Renner, Wolfgang A.
APPLICANT: Bachmann, Martin
APPLICANT: Tissot, Alain
APPLICANT: Maurer, Patrick
APPLICANT: Lechner, Franziska
APPLICANT: Sebbel, Peter
APPLICANT: Piossek, Christine
APPLICANT: Ortmann, Rainer
APPLICANT: Luond, Rainer
APPLICANT: Staufenbiel, Matthias
APPLICANT: Frey, Peter
TITLE OF INVENTION: Molecular Antigen Array
FILE REFERENCE: 1700.0190005
CURRENT APPLICATION NUMBER: US/10/050,898
CURRENT FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US 60/262,379
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: US 60/288,549
PRIOR FILING DATE: 2001-05-04
PRIOR APPLICATION NUMBER: US 60/326,998
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/331,045
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 350
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 188
LENGTH: 10
TYPE: PRT
ORGANISM: IgE Mimotype
US-10-050-898-188

Query Match 40.4%; Score 23; DB 14; Length 10;
Best Local Similarity 57.1%; Pred. No. 1.4e+03;
Matches 4; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 VWGAVNY 7
|| | |
Db 1 VWTACGY 7

RESULT 7
US-08-821-739A-28
; Sequence 28, Application US/08821739A
; Publication No. US20020168374A1
; GENERAL INFORMATION:
; APPLICANT: Kubo, Ralph T.
; APPLICANT: Grey, Howard M.
; APPLICANT: Sette, Alessandro
; APPLICANT: Celis, Esteban
; TITLE OF INVENTION: HLA Binding Peptides and Their Uses
; FILE REFERENCE: 2060.005000A
; CURRENT APPLICATION NUMBER: US/08/821,739A
; CURRENT FILING DATE: 1999-03-20
; PRIOR APPLICATION NUMBER: 60/013,833
; PRIOR FILING DATE: 1996-03-21
; PRIOR APPLICATION NUMBER: 08/589,107
; PRIOR FILING DATE: 1996-07-12
; PRIOR APPLICATION NUMBER: 08/451,913
; PRIOR FILING DATE: 1995-05-26
; PRIOR APPLICATION NUMBER: 08/347,610
; PRIOR FILING DATE: 1994-12-01
; PRIOR APPLICATION NUMBER: 08/186,266
; PRIOR FILING DATE: 1994-01-25
; PRIOR APPLICATION NUMBER: 08/159,339
; PRIOR FILING DATE: 1993-11-29
; PRIOR APPLICATION NUMBER: 08/103,396
; PRIOR FILING DATE: 1993-08-06
; PRIOR APPLICATION NUMBER: 08/027,746
; PRIOR FILING DATE: 1993-03-05
; PRIOR APPLICATION NUMBER: 07/926,666
; PRIOR FILING DATE: 1992-08-07
; NUMBER OF SEQ ID NOS: 149
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo sapiens
US-08-821-739A-28

Query Match 38.6%; Score 22; DB 8; Length 10;
Best Local Similarity 80.0%; Pred. No. 2.2e+03;
Matches 4; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 GAVNY 7
|| ||
Db 4 GAFNY 8

RESULT 8
US-09-445-023A-3
; Sequence 3, Application US/09445023A
; Patent No. US20020119167A1
; GENERAL INFORMATION:
; APPLICANT: Hirose, Kunitaka
; APPLICANT: Inoguchi, Eiji
; APPLICANT: Hakozaki, Michinori
; APPLICANT: Ishioka, Keiko
; APPLICANT: Ishida, Yukako
; APPLICANT: Matsushima, Kouji
; APPLICANT: Kuno, Kouji
; TITLE OF INVENTION: Human ADAMTS-1 protein, gene encoding the same, pharmaceutical
; TITLE OF INVENTION: composition and method of immunologically analyzing human ADAMTS-
; FILE REFERENCE: Q57092
; CURRENT APPLICATION NUMBER: US/09/445,023A
; CURRENT FILING DATE: 1999-12-03

PRIOR APPLICATION NUMBER: JP 9-160422
PRIOR FILING DATE: 1997-06-03
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 10
TYPE: PRT
ORGANISM: Mus sp.
JS-09-445-023A-3

Query Match 38.6%; Score 22; DB 9; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.2e+03;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 GAVNYT 8
| | ||
Db 5 GGVQYT 10

RESULT 9
JS-09-932-165-937
; Sequence 937, Application US/09932165
; Publication No. US20030134784A1
; GENERAL INFORMATION:
; APPLICANT: RAITANO, ARTHUR
; APPLICANT: CHALLITA-EID, PIA M.
; APPLICANT: FARIS, MARY
; APPLICANT: SAFFRAN, DOUGLAS
; APPLICANT: AFAR, DANIEL
; APPLICANT: LEVIN, ELANA
; APPLICANT: HUBERT, RENE
; APPLICANT: GE, WANGMAO
; APPLICANT: JAKOBOVITS, AYA
; TITLE OF INVENTION: NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED
; TITLE OF INVENTION: 83P2H3 AND CaTrF2E11 USEFUL IN TREATMENT AND
; TITLE OF INVENTION: DETECTION OF CANCER
; FILE REFERENCE: 51158-20014.00
; CURRENT APPLICATION NUMBER: US/09/932,165
; CURRENT FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 60/226,329
; PRIOR FILING DATE: 2000-08-17
; NUMBER OF SEQ ID NOS: 1508
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 937
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Peptide motif
US-09-932-165-937

Query Match 38.6%; Score 22; DB 10; Length 10;
Best Local Similarity 50.0%; Pred. No. 2.2e+03;
Matches 4; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3 GAVNYTSD 10
| | || |
Db 2 GPANYNVD 9

RESULT 10
US-09-932-165-1099
; Sequence 1099, Application US/09932165
; Publication No. US20030134784A1
; GENERAL INFORMATION:
; APPLICANT: RAITANO, ARTHUR
; APPLICANT: CHALLITA-EID, PIA M.
; APPLICANT: FARIS, MARY
; APPLICANT: SAFFRAN, DOUGLAS
; APPLICANT: AFAR, DANIEL
; APPLICANT: LEVIN, ELANA
; APPLICANT: HUBERT, RENE
; APPLICANT: GE, WANGMAO
; APPLICANT: JAKOBOVITS, AYA
; TITLE OF INVENTION: NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED
; TITLE OF INVENTION: 83P2H3 AND CaTrF2E11 USEFUL IN TREATMENT AND
; TITLE OF INVENTION: DETECTION OF CANCER
; FILE REFERENCE: 51158-20014.00
; CURRENT APPLICATION NUMBER: US/09/932,165
; CURRENT FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 60/226,329
; PRIOR FILING DATE: 2000-08-17
; NUMBER OF SEQ ID NOS: 1508
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1099
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Peptide motif
US-09-932-165-1099

Query Match 38.6%; Score 22; DB 10; Length 10;
Best Local Similarity 50.0%; Pred. No. 2.2e+03;
Matches 4; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3 GAVNYTSD 10
| | || |
Db 2 GPANYNVD 9

RESULT 11
US-10-097-597-3
; Sequence 3, Application US/10097597
; Publication No. US20030023352A1
; GENERAL INFORMATION:
; APPLICANT: Hirose, Kunitaka
; APPLICANT: Inoguchi, Biji
; APPLICANT: Hakozaki, Michinori
; APPLICANT: Ishioka, Keiko
; APPLICANT: Ishida, Yukako
; APPLICANT: Matsushima, Kouji
; APPLICANT: Kuno, Kouji
; TITLE OF INVENTION: Human ADAMTS-1 protein, gene encoding the same,
; TITLE OF INVENTION: pharmaceutical
; TITLE OF INVENTION: composition and method of immunologically analyzing human ADAMTS
; FILE REFERENCE: Q57092
; CURRENT APPLICATION NUMBER: US/10/097,597
; CURRENT FILING DATE: 2002-03-15
; PRIOR APPLICATION NUMBER: 09/445,023
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: JP 9-160422
; PRIOR FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-097-597-3

Query Match 38.6%; Score 22; DB 14; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.2e+03;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 GAVNYT 8
| | ||
Db 5 GGVQYT 10

RESULT 12
US-10-097-580-3
; Sequence 3, Application US/10097580
; Publication No. US20030032168A1
; GENERAL INFORMATION:
; APPLICANT: Hirose, Kunitaka

APPLICANT: Inoguchi, Eiji
APPLICANT: Hakozaki, Michinori
APPLICANT: Ishioka, Keiko
APPLICANT: Ishida, Yukako
APPLICANT: Matsushima, Kouji
APPLICANT: Kuno, Kouji
TITLE OF INVENTION: Human ADAMTS-1 protein, gene encoding the same, pharmaceutical
TITLE OF INVENTION: composition and method of immunologically analyzing human ADAMTS
FILE REFERENCE: Q57092
CURRENT APPLICATION NUMBER: US/10/097,580
CURRENT FILING DATE: 2002-03-15
PRIOR APPLICATION NUMBER: 09/445,023
PRIOR FILING DATE: 1999-12-03
PRIOR APPLICATION NUMBER: JP 9-160422
PRIOR FILING DATE: 1997-06-03
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 10
TYPE: PRT
ORGANISM: Mus sp.
S-10-097-580-3

Query Match 38.6%; Score 22; DB 14; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.2e+03;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 GAVNYT 8
| | ||
Db 5 GGVQYT 10

RESULT 13
US-08-821-739A-92
Sequence 92, Application US/08821739A
Publication No. US20020168374A1
GENERAL INFORMATION:
APPLICANT: Kubo, Ralph T.
APPLICANT: Grey, Howard M.
APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban
TITLE OF INVENTION: HLA Binding Peptides and Their Uses
FILE REFERENCE: 2060.005000A
CURRENT APPLICATION NUMBER: US/08/821,739A
CURRENT FILING DATE: 1999-03-20
PRIOR APPLICATION NUMBER: 60/013,833
PRIOR FILING DATE: 1996-03-21
PRIOR APPLICATION NUMBER: 08/589,107
PRIOR FILING DATE: 1996-07-12
PRIOR APPLICATION NUMBER: 08/451,913
PRIOR FILING DATE: 1995-05-26
PRIOR APPLICATION NUMBER: 08/347,610
PRIOR FILING DATE: 1994-12-01
PRIOR APPLICATION NUMBER: 08/186,266
PRIOR FILING DATE: 1994-01-25
PRIOR APPLICATION NUMBER: 08/159,339
PRIOR FILING DATE: 1993-11-29
PRIOR APPLICATION NUMBER: 08/103,396
PRIOR FILING DATE: 1993-08-06
PRIOR APPLICATION NUMBER: 08/027,746
PRIOR FILING DATE: 1993-03-05
PRIOR APPLICATION NUMBER: 07/926,666
PRIOR FILING DATE: 1992-08-07
NUMBER OF SEQ ID NOS: 149
SOFTWARE: PatentIn version 3.1
SEQ ID NO 92
LENGTH: 10
TYPE: PRT
ORGANISM: Homo sapiens
US-08-821-739A-92

Query Match 36.8%; Score 21; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.3e+03;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VWG 3
|||
Db 6 VWG 8

RESULT 14
US-09-935-682-51
Sequence 51, Application US/09935682
Patent No. US20020059032A1
GENERAL INFORMATION:
APPLICANT: Societe de Conseils de Recherches et D'Applications Scientifiques
APPLICANT: Ferrer, Camara Y.
TITLE OF INVENTION: Rational Selection of Putative Peptides from Identified Nucleotid
TITLE OF INVENTION: Peptide Sequences
FILE REFERENCE: 58767.000005
CURRENT APPLICATION NUMBER: US/09/935,682
CURRENT FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: 09/257,525
PRIOR FILING DATE: 1999-02-25
PRIOR APPLICATION NUMBER: PCT/FR00/00460
PRIOR FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 73
SOFTWARE: PatentIn version 3.1
SEQ ID NO 51
LENGTH: 10
TYPE: PRT
ORGANISM: Homo sapiens
US-09-935-682-51

Query Match 36.8%; Score 21; DB 9; Length 10;
Best Local Similarity 44.4%; Pred. No. 3.3e+03;
Matches 4; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 2 WGAVNYTSD 10
| ||: : |
Db 2 WTAVDTSVD 10

RESULT 15
US-09-753-126-124
Sequence 124, Application US/09753126
Patent No. US20020127219A1
GENERAL INFORMATION:
APPLICANT: OKKELS, JENS SIGURD
APPLICANT: JENSEN, ANNE DAM
APPLICANT: HALKIER, TORBEN
APPLICANT: JENSEN, RIKKE BOLDING
TITLE OF INVENTION: IMPROVED LYSOSOMAL ENZYMES AND LYSOSOMAL ENZYME
TITLE OF INVENTION: ACTIVATORS
FILE REFERENCE: 31-000600US
CURRENT APPLICATION NUMBER: US/09/753,126
CURRENT FILING DATE: 2001-06-11
PRIOR APPLICATION NUMBER: PA 1999 01891
PRIOR FILING DATE: 1999-12-30
PRIOR APPLICATION NUMBER: 60/174,652
PRIOR FILING DATE: 2000-01-06
PRIOR APPLICATION NUMBER: PA 200 00865
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: 60/210,984
PRIOR FILING DATE: 2000-06-12
PRIOR APPLICATION NUMBER: 60/211,124
PRIOR FILING DATE: 2000-06-12
PRIOR APPLICATION NUMBER: PA 2000 01027
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: 60/217,497
PRIOR FILING DATE: 2000-07-11
NUMBER OF SEQ ID NOS: 147
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 124
LENGTH: 10
TYPE: PRT

```
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: Synthetic
;   OTHER INFORMATION: peptide
JS-09-753-126-124

  Query Match             36.8%;  Score 21;  DB 9;  Length 10;
  Best Local Similarity   60.0%;  Pred. No. 3.3e+03;
  Matches    3;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          6 NYTSD 10
              |||::
Db          5 NYTNE 9


RESULT 16
JS-09-886-683A-1
; Sequence 1, Application US/09886683A
; Patent No. US20020150574A1
; GENERAL INFORMATION:
;  APPLICANT: Hoevel, Thorsten
;  APPLICANT:  Koch, Stefan
;  APPLICANT:  Kubbies, Manfred
;  APPLICANT:  Mundigl, Olaf
;  APPLICANT:  Rueger, Petra
;  TITLE OF INVENTION: Antibodies against SEMP1 (p23)
;  FILE REFERENCE: Case 20692
;  CURRENT APPLICATION NUMBER: US/09/886,683A
;  CURRENT FILING DATE:  2001-06-21
;  PRIOR APPLICATION NUMBER: EP00113344.6
;  PRIOR FILING DATE: 2000-06-23
;  PRIOR APPLICATION NUMBER: EP01107799.7
;  PRIOR FILING DATE: 2001-04-05
;  NUMBER OF SEQ ID NOS: 4
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:fragment of CDS of SEQ ID NO:3
US-09-886-683A-1

  Query Match             36.8%;  Score 21;  DB 9;  Length 10;
  Best Local Similarity   33.3%;  Pred. No. 3.3e+03;
  Matches    3;  Conservative    1;  Mismatches    5;  Indels    0;  Gaps    0;

Qy          2 WGAVNYTSD 10
              |   :|  |
Db          2 WRIYSYAGD 10


RESULT 17
US-09-185-908-76
; Sequence 76, Application US/09185908A
; Publication No. US20020193294A1
; GENERAL INFORMATION:
;  APPLICANT: Blaschuk, Orest W.
;  APPLICANT: Gour, Barbara J.
;  TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING CLAUDIN-MEDIATED
;  TITLE OF INVENTION: FUNCTIONS
;  FILE REFERENCE: 100086.409
;  CURRENT APPLICATION NUMBER: US/09/185,908A
;  CURRENT FILING DATE: 1998-11-03
;  NUMBER OF SEQ ID NOS: 269
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 76
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:  Product of
;   OTHER INFORMATION: synthesis based on mouse claudin-1 sequence
;   FEATURE:
;   OTHER INFORMATION: Cyclic Peptide
US-09-185-908-76

  Query Match             36.8%;  Score 21;  DB 9;  Length 10;
  Best Local Similarity   33.3%;  Pred. No. 3.3e+03;
  Matches    3;  Conservative    1;  Mismatches    5;  Indels    0;  Gaps    0;

Qy          2 WGAVNYTSD 10
              |   :|  |
Db          2 WKIYSYAGD 10


RESULT 18
US-09-185-908-128
; Sequence 128, Application US/09185908A
; Publication No. US20020193294A1
; GENERAL INFORMATION:
;  APPLICANT: Blaschuk, Orest W.
;  APPLICANT: Gour, Barbara J.
;  TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING CLAUDIN-MEDIATED
;  TITLE OF INVENTION: FUNCTIONS
;  FILE REFERENCE: 100086.409
;  CURRENT APPLICATION NUMBER: US/09/185,908A
;  CURRENT FILING DATE: 1998-11-03
;  NUMBER OF SEQ ID NOS: 269
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 128
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:  Product of
;   OTHER INFORMATION: synthesis based on mouse claudin-2 sequence
;   FEATURE:
;   OTHER INFORMATION: Cyclic Peptide
US-09-185-908-128

  Query Match             36.8%;  Score 21;  DB 9;  Length 10;
  Best Local Similarity   33.3%;  Pred. No. 3.3e+03;
  Matches    3;  Conservative    1;  Mismatches    5;  Indels    0;  Gaps    0;

Qy          2 WGAVNYTSD 10
              |   :|  |
Db          2 WRTSSYVGD 10


RESULT 19
US-09-983-802-377
; Sequence 377, Application US/09983802
; Publication No. US20030022185A1
; GENERAL INFORMATION:
;  APPLICANT: Fischer et al.
;  TITLE OF INVENTION: 123 Human Secreted Proteins
;  FILE REFERENCE: PZ010P1
;  CURRENT APPLICATION NUMBER: US/09/983,802
;  CURRENT FILING DATE:  2001-10-25
;  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/227,357
;  PRIOR FILING DATE: EARLIER FILING DATE: 1999-01-08
;  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PCT/US98/13684
;  PRIOR FILING DATE: EARLIER FILING DATE: 1998-07-07
;  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/051,926
;  PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
;  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/052,793
;  PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
;  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/051,925
;  PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
;  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/051,929
;  PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
;  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/052,803
;  PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
;  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/052,732
;  PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
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PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/051,931
PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/051,932
PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/051,916
PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/051,930
PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/051,918
PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/051,920
PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/052,733
PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/052,795
PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/051,919
PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/051,928
PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/055,722
PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/055,723
PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/055,948
PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/055,949
PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/055,953
PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/055,950
PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/055,947
PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/055,964
PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/056,360
PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/055,684
PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/055,984
PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/055,954
PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/058,785
PRIOR FILING DATE: EARLIER FILING DATE: 1997-09-12
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/058,664
PRIOR FILING DATE: EARLIER FILING DATE: 1997-09-12
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/058,660
PRIOR FILING DATE: EARLIER FILING DATE: 1997-09-12
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/058,661
PRIOR FILING DATE: EARLIER FILING DATE: 1997-09-12
NUMBER OF SEQ ID NOS: 672
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 377
LENGTH: 10
TYPE: PRT
ORGANISM: Homo sapiens
S-09-983-802-377

Query Match 36.8%; Score 21; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.3e+03;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 VWG 3
||
b 2 VWG 4

ESULT 20
S-09-896-896A-88
Sequence 88, Application US/09896896A
Publication No. US20030036181A1

; GENERAL INFORMATION:
; APPLICANT: MAXYGEN APS
; TITLE OF INVENTION: PEPTIDE EXTENDED GLYCOSYLATED POLYPEPTIDES
; FILE REFERENCE: 0217us210
; CURRENT APPLICATION NUMBER: US/09/896,896A
; CURRENT FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/217,497
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: US 60/225,558
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: DK PA 2000 01027
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: DK PA 2000 01092
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: PCT/DK00/00743
; PRIOR FILING DATE: 2000-12-29
; PRIOR APPLICATION NUMBER: PCT/DK01/00090
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 88
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide
US-09-896-896A-88

Query Match 36.8%; Score 21; DB 10; Length 10;
Best Local Similarity 60.0%; Pred. No. 3.3e+03;
Matches 3; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 6 NYTSD 10
|||::
Db 5 NYTNE 9

RESULT 21
US-09-809-638-412
; Sequence 412, Application US/09809638
; Publication No. US20030059895A1
; GENERAL INFORMATION:
; APPLICANT: Mary Faris
; APPLICANT: Pia M. Challita-Eid
; APPLICANT: Steve Chappell Mitchell
; APPLICANT: Daniel E.H. Afar
; APPLICANT: Arthur B. Raitano
; APPLICANT: Aya Jakobovits
; TITLE OF INVENTION: 125P5C8: A TISSUE SPECIFIC PROTEIN
; TITLE OF INVENTION: HIGHLY EXPRESSED IN VARIOUS CANCERS
; FILE REFERENCE: 129.35US01
; CURRENT APPLICATION NUMBER: US/09/809,638
; CURRENT FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 746
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 412
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-809-638-412

Query Match 36.8%; Score 21; DB 10; Length 10;
Best Local Similarity 40.0%; Pred. No. 3.3e+03;
Matches 2; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 VWGAV 5
:|| :
Db 5 IWGFI 9

RESULT 22
US-09-809-638-466

; Sequence 466, Application US/09809638
; Publication No. US20030059895A1
; GENERAL INFORMATION:
; APPLICANT: Mary Faris
; APPLICANT: Pia M. Challita-Eid
; APPLICANT: Steve Chappell Mitchell
; APPLICANT: Daniel E.H. Afar
; APPLICANT: Arthur B. Raitano
; APPLICANT: Aya Jakobovits
; TITLE OF INVENTION: 125P5C8: A TISSUE SPECIFIC PROTEIN
; TITLE OF INVENTION: HIGHLY EXPRESSED IN VARIOUS CANCERS
; FILE REFERENCE: 129.35US01
; CURRENT APPLICATION NUMBER: US/09/809,638
; CURRENT FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 746
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 466
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-809-638-466

Query Match 36.8%; Score 21; DB 10; Length 10;
Best Local Similarity 40.0%; Pred. No. 3.3e+03;
Matches 2; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 VWGAV 5
:|| :
Db 5 IWGFI 9

RESULT 23
US-09-572-404B-2042
; Sequence 2042, Application US/09572404B
; Publication No. US20030078374A1
; GENERAL INFORMATION:
; APPLICANT: Proteom Ltd
; TITLE OF INVENTION: Complementary peptide ligands from the human genome
; FILE REFERENCE: Human patent
; CURRENT APPLICATION NUMBER: US/09/572,404B
; CURRENT FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 4203
; SOFTWARE: ProtPatent version 1.0
; SEQ ID NO 2042
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: sequence located in GCK at 254-263 and may interact with Sequence
; OTHER INFORMATION: in this patent.
US-09-572-404B-2042

Query Match 36.8%; Score 21; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.3e+03;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 WGA 4
|||
Db 5 WGA 7

RESULT 24
US-09-572-404B-2044
; Sequence 2044, Application US/09572404B
; Publication No. US20030078374A1
; GENERAL INFORMATION:
; APPLICANT: Proteom Ltd
; TITLE OF INVENTION: Complementary peptide ligands from the human genome
; FILE REFERENCE: Human patent
; CURRENT APPLICATION NUMBER: US/09/572,404B
; CURRENT FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 4203
; SOFTWARE: ProtPatent version 1.0
; SEQ ID NO 2044
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: sequence located in GCK at 253-262 and may interact with Sequence
; OTHER INFORMATION: in this patent.
US-09-572-404B-2044

Query Match 36.8%; Score 21; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.3e+03;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 WGA 4
|||
Db 5 WGA 7

RESULT 25
US-09-572-404B-2642
; Sequence 2642, Application US/09572404B
; Publication No. US20030078374A1
; GENERAL INFORMATION:
; APPLICANT: Proteom Ltd
; TITLE OF INVENTION: Complementary peptide ligands from the human genome
; FILE REFERENCE: Human patent
; CURRENT APPLICATION NUMBER: US/09/572,404B
; CURRENT FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 4203
; SOFTWARE: ProtPatent version 1.0
; SEQ ID NO 2642
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: sequence located in ACVR1B OR ACVRLK4 at 133-142 and may interact
; OTHER INFORMATION: Sequence 2641 in this patent.
US-09-572-404B-2642

Query Match 36.8%; Score 21; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.3e+03;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 WGA 4
|||
Db 7 WGA 9

RESULT 26
US-09-973-278-384
; Sequence 384, Application US/09973278
; Publication No. US20040044191A1
; GENERAL INFORMATION:
; APPLICANT: Fischer et al.
; TITLE OF INVENTION: 123 Human Secreted Proteins
; FILE REFERENCE: PZ010P2
; CURRENT APPLICATION NUMBER: US/09/973,278
; CURRENT FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: 60/239,899
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 09/227,357
; PRIOR FILING DATE: 1999-01-08
; PRIOR APPLICATION NUMBER: PCT/US98/13684
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/051,926
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/052,793
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,925
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,929
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/052,803

```
  PRIOR FILING DATE: 1997-07-08
  PRIOR APPLICATION NUMBER: 60/052,732
  PRIOR FILING DATE: 1997-07-08
  PRIOR APPLICATION NUMBER: 60/051,931
  PRIOR FILING DATE: 1997-07-08
  PRIOR APPLICATION NUMBER: 60/051,932
  PRIOR FILING DATE: 1997-07-08
  PRIOR APPLICATION NUMBER: 60/051,916
  PRIOR FILING DATE: 1997-07-08
  PRIOR APPLICATION NUMBER: 60/051,930
  PRIOR FILING DATE: 1997-07-08
  PRIOR APPLICATION NUMBER: 60/051,918
  PRIOR FILING DATE: 1997-07-08
  PRIOR APPLICATION NUMBER: 60/051,920
  PRIOR FILING DATE: 1997-07-08
  PRIOR APPLICATION NUMBER: 60/052,733
  PRIOR FILING DATE: 1997-07-08
  PRIOR APPLICATION NUMBER: 60/052,795
  PRIOR FILING DATE: 1997-07-08
  PRIOR APPLICATION NUMBER: 60/051,919
  PRIOR FILING DATE: 1997-07-08
  PRIOR APPLICATION NUMBER: 60/051,928
  PRIOR FILING DATE: 1997-07-08
  PRIOR APPLICATION NUMBER: 60/055,722
  PRIOR FILING DATE: 1997-08-18
  PRIOR APPLICATION NUMBER: 60/055,723
  PRIOR FILING DATE: 1997-08-18
  PRIOR APPLICATION NUMBER: 60/055,948
  PRIOR FILING DATE: 1997-08-18
  PRIOR APPLICATION NUMBER: 60/055,949
  PRIOR FILING DATE: 1997-08-18
  PRIOR APPLICATION NUMBER: 60/055,953
  PRIOR FILING DATE: 1997-08-18
  PRIOR APPLICATION NUMBER: 60/055,950
  PRIOR FILING DATE: 1997-08-18
  PRIOR APPLICATION NUMBER: 60/055,947
  PRIOR FILING DATE: 1997-08-18
  PRIOR APPLICATION NUMBER: 60/055,964
  PRIOR FILING DATE: 1997-08-18
  PRIOR APPLICATION NUMBER: 60/056,360
  PRIOR FILING DATE: 1997-08-18
  PRIOR APPLICATION NUMBER: 60/055,684
  PRIOR FILING DATE: 1997-08-18
  PRIOR APPLICATION NUMBER: 60/055,984
  PRIOR FILING DATE: 1997-08-18
  PRIOR APPLICATION NUMBER: 60/055,954
  PRIOR FILING DATE: 1997-08-18
  PRIOR APPLICATION NUMBER: 60/058,785
  PRIOR FILING DATE: 1997-09-12
  PRIOR APPLICATION NUMBER: 60/058,664
  PRIOR FILING DATE: 1997-09-12
  PRIOR APPLICATION NUMBER: 60/058,660
  PRIOR FILING DATE: 1997-09-12
  PRIOR APPLICATION NUMBER: 60/058,661
  PRIOR FILING DATE: 1997-09-12
  NUMBER OF SEQ ID NOS: 947
  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 384
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Homo sapiens
JS-09-973-278-384

  Query Match             36.8%;  Score 21;  DB 12;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 3.3e+03;
  Matches    3;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

)y          1 VWG 3
              |||
)b          2 VWG 4


RESULT 27
```

```
US-10-041-030-21
; Sequence 21, Application US/10041030
; Publication No. US20020150934A1
; GENERAL INFORMATION:
;  APPLICANT: Powers, Scott
;  APPLICANT:  Mu, David
;  APPLICANT:  Xiang, Phil
;  APPLICANT:  Peng, Yue
;  APPLICANT:  Tularik Inc.
;  TITLE OF INVENTION: Diagnosis and Treatment of Cancer Using Mammalian
;  TITLE OF INVENTION:  Pellino Polypeptides and Polynucleotides
;  FILE REFERENCE: 018781-006810US
;  CURRENT APPLICATION NUMBER: US/10/041,030
;  CURRENT FILING DATE:  2001-12-28
;  PRIOR APPLICATION NUMBER: US 60/259,502
;  PRIOR FILING DATE: 2001-01-02
;  NUMBER OF SEQ ID NOS: 42
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:amino acid
;   OTHER INFORMATION: sequence identity in comparison of pellino 1 and
;   OTHER INFORMATION: pellino 2
US-10-041-030-21

  Query Match             36.8%;  Score 21;  DB 13;  Length 10;
  Best Local Similarity   66.7%;  Pred. No. 3.3e+03;
  Matches    4;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          5 VNYTSD 10
              | || |
Db          5 VEYTHD 10


RESULT 28
US-10-133-210-7
; Sequence 7, Application US/10133210
; Publication No. US20030103964A1
; GENERAL INFORMATION:
;  APPLICANT: DeLisi, Charles
;  APPLICANT:  Berzofsky, Jay
;  APPLICANT:  Gulukota, Kamalakar
;  APPLICANT:  Vaccaro, Dennis
;  APPLICANT:  Weng, Zhiping
;  APPLICANT:  Zhang, Chao
;  TITLE OF INVENTION: METHODS FOR DESIGNING MOLECULAR CONJUGATES AND
;  TITLE OF INVENTION:  COMPOSITIONS THEREOF
;  FILE REFERENCE: BU-035AX
;  CURRENT APPLICATION NUMBER: US/10/133,210
;  CURRENT FILING DATE:  2002-04-26
;  NUMBER OF SEQ ID NOS: 281
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:  Synthetic
US-10-133-210-7

  Query Match             36.8%;  Score 21;  DB 14;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 3.3e+03;
  Matches    3;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 VWG 3
              |||
Db          4 VWG 6


RESULT 29
```

```
JS-10-133-210-40
; Sequence 40, Application US/10133210
; Publication No. US20030103964A1
; GENERAL INFORMATION:
;  APPLICANT: DeLisi, Charles
;  APPLICANT:  Berzofsky, Jay
;  APPLICANT:  Gulukota, Kamalakar
;  APPLICANT:  Vaccaro, Dennis
;  APPLICANT:  Weng, Zhiping
;  APPLICANT:  Zhang, Chao
;  TITLE OF INVENTION: METHODS FOR DESIGNING MOLECULAR CONJUGATES AND
;  TITLE OF INVENTION:  COMPOSITIONS THEREOF
;  FILE REFERENCE: BU-035AX
;  CURRENT APPLICATION NUMBER: US/10/133,210
;  CURRENT FILING DATE:  2002-04-26
;  NUMBER OF SEQ ID NOS: 281
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 40
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:  Synthetic
US-10-133-210-40

  Query Match             36.8%;  Score 21;  DB 14;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 3.3e+03;
  Matches    3;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 VWG 3
              |||
Db          6 VWG 8


RESULT 30
US-10-133-210-70
; Sequence 70, Application US/10133210
; Publication No. US20030103964A1
; GENERAL INFORMATION:
;  APPLICANT: DeLisi, Charles
;  APPLICANT:  Berzofsky, Jay
;  APPLICANT:  Gulukota, Kamalakar
;  APPLICANT:  Vaccaro, Dennis
;  APPLICANT:  Weng, Zhiping
;  APPLICANT:  Zhang, Chao
;  TITLE OF INVENTION: METHODS FOR DESIGNING MOLECULAR CONJUGATES AND
;  TITLE OF INVENTION:  COMPOSITIONS THEREOF
;  FILE REFERENCE: BU-035AX
;  CURRENT APPLICATION NUMBER: US/10/133,210
;  CURRENT FILING DATE:  2002-04-26
;  NUMBER OF SEQ ID NOS: 281
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 70
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:  Synthetic
US-10-133-210-70

  Query Match             36.8%;  Score 21;  DB 14;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 3.3e+03;
  Matches    3;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 VWG 3
              |||
Db          6 VWG 8


RESULT 31
US-10-076-047A-48
; Sequence 48, Application US/10076047A
; Publication No. US20030152935A1
; GENERAL INFORMATION:
;  APPLICANT: Herath, Herath Mudiyanselage Athula Chandrasiri
;  TITLE OF INVENTION: Proteins, Genes and Their Use for
;  TITLE OF INVENTION:  Diagnosis and Treatment of Breast Cancer
;  FILE REFERENCE: 2543-1-026
;  CURRENT APPLICATION NUMBER: US/10/076,047A
;  CURRENT FILING DATE:  2002-02-13
;  PRIOR APPLICATION NUMBER: GB 9919258.5
;  PRIOR FILING DATE: 1999-08-13
;  PRIOR APPLICATION NUMBER: GB 0007754.5
;  PRIOR FILING DATE: 2000-03-30
;  PRIOR APPLICATION NUMBER: PCT/GB00/03143
;  PRIOR FILING DATE: 2000-08-14
;  NUMBER OF SEQ ID NOS: 351
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 48
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-076-047A-48

  Query Match             36.8%;  Score 21;  DB 14;  Length 10;
  Best Local Similarity   33.3%;  Pred. No. 3.3e+03;
  Matches    2;  Conservative    2;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          2 WGAVNY 7
              ||  ::
Db          2 WGVASF 7


RESULT 32
US-10-062-109A-617
; Sequence 617, Application US/10062109A
; Publication No. US20030165505A1
; GENERAL INFORMATION:
;  APPLICANT: Agensys
;  APPLICANT:  Challita-Eid, Pia M.
;  APPLICANT:  Raitano, Arthur B.
;  APPLICANT:  Faris, Mary
;  APPLICANT:  Hubert, Rene S.
;  APPLICANT:  Morrison, Karen Jane Meyrick
;  APPLICANT:  Jakobovits, Aya
;  TITLE OF INVENTION: Nucleic Acid and Corresponding Protein
;  TITLE OF INVENTION:  Entitled 161P2F10B Useful in Treatment and Detection of
;  TITLE OF INVENTION:  Cancer
;  FILE REFERENCE: 51158-20062.01
;  CURRENT APPLICATION NUMBER: US/10/062,109A
;  CURRENT FILING DATE:  2002-01-31
;  PRIOR APPLICATION NUMBER: US 10/005,480
;  PRIOR FILING DATE: 2001-11-07
;  NUMBER OF SEQ ID NOS: 765
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 617
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-062-109A-617

  Query Match             36.8%;  Score 21;  DB 14;  Length 10;
  Best Local Similarity   71.4%;  Pred. No. 3.3e+03;
  Matches    5;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          4 AVNYTSD 10
              | | |||
Db          1 ASNRTSD 7


RESULT 33
US-10-353-929-69
; Sequence 69, Application US/10353929
; Publication No. US20030175288A1
; GENERAL INFORMATION:
;  APPLICANT: ITOH, Kyogo
```

TITLE OF INVENTION: Tumor antigen
FILE REFERENCE: GP01-1024
CURRENT APPLICATION NUMBER: US/10/353,929
CURRENT FILING DATE: 2003-01-30
PRIOR APPLICATION NUMBER: JP P2000-231814
PRIOR FILING DATE: 2000-07-31
NUMBER OF SEQ ID NOS: 197
SOFTWARE: PatentIn version 3.1
SEQ ID NO 69
LENGTH: 10
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Designed peptide based on the amino acid sequence of SEQ ID NO:45
S-10-353-929-69

Query Match 36.8%; Score 21; DB 14; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.3e+03;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 WGA 4
|||
Db 8 WGA 10

RESULT 34
S-10-200-708-241
Sequence 241, Application US/10200708
Publication No. US20030180314A1
GENERAL INFORMATION:
APPLICANT: DeGroot, Anne S.
TITLE OF INVENTION: HIV VACCINE CANDIDATE PEPTIDES
FILE REFERENCE: 17999-001
CURRENT APPLICATION NUMBER: US/10/200,708
CURRENT FILING DATE: 2002-07-22
PRIOR APPLICATION NUMBER: US/09/351,036
PRIOR FILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: 60/092,346
PRIOR FILING DATE: 1998-07-10
PRIOR APPLICATION NUMBER: 60/115,145
PRIOR FILING DATE: 1999-01-08
PRIOR APPLICATION NUMBER: 60/130,677
PRIOR FILING DATE: 1999-04-23
NUMBER OF SEQ ID NOS: 672
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 241
LENGTH: 10
TYPE: PRT
ORGANISM: Human immunodeficiency virus
S-10-200-708-241

Query Match 36.8%; Score 21; DB 14; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.3e+03;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VWG 3
|||
Db 1 VWG 3

RESULT 35
S-10-200-708-355
Sequence 355, Application US/10200708
Publication No. US20030180314A1
GENERAL INFORMATION:
APPLICANT: DeGroot, Anne S.
TITLE OF INVENTION: HIV VACCINE CANDIDATE PEPTIDES
FILE REFERENCE: 17999-001
CURRENT APPLICATION NUMBER: US/10/200,708
CURRENT FILING DATE: 2002-07-22
PRIOR APPLICATION NUMBER: US/09/351,036
PRIOR FILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: 60/092,346
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: 60/115,145
; PRIOR FILING DATE: 1999-01-08
; PRIOR APPLICATION NUMBER: 60/130,677
; PRIOR FILING DATE: 1999-04-23
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 355
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Human immunodeficiency virus
US-10-200-708-355

Query Match 36.8%; Score 21; DB 14; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.3e+03;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VWG 3
|||
Db 8 VWG 10

Search completed: March 18, 2004, 07:54:25
Job time : 34.5 secs